





The great experiment that was the Republic of the Sphere has failed. Withdrawn behind the Fortress walls, the oncegreat power has become a silent, opaque remnant of its former glory. Without its influence, old hatreds have risen anew. As war once more rages across the Inner Sphere, new equipment strides across ancient battlefields. Technology, once stagnated by trade restrictions and peace treaties, now surges forward again, testing these new machines in the fierce crucible of war.

Technical Readout: 3145 introduces the wave of new battle armor, vehicle, 'Mech, and aerospace units appearing across the Inner Sphere in the Dark Age era. Featuring new and matured technology, and presented in this series of factionspecific PDFs, these combat units will add excitement and variety to any game table.

> For use with BattleTech, Total Warfare, Tactical Operations, and Strategic Operations.



TECHNICAL READOUT 3145



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INTRODUCTION

A cursory glance at the history of the Federated Suns over the last century shows a nation in flux. The brilliant, if imperialistic, leadership of Hanse Davion during the thirty-first century set the stage for the founding of the short-lived Federated Commonwealth, but that amalgamation lasted barely a generation before collapsing into civil war just before the Jihad.

During the Jihad the Suns suffered alongside every other Inner Sphere nation, its capital under siege and its economy crushed. Its people suffered, but they overcame. Federated Suns forces fought in the Coalition with the rest of the Inner Sphere, and the worlds of that realm that joined the Republic were among the most prosperous. Between the Jihad and the Blackout, only the short Victoria War disrupted the Suns' peace.

And then came the Blackout.

Then came the death of Harrison Davion.

And, as with so much else of the Sphere, then came the war.

Two of the three most recent first princes of the Federated Suns focused on defense, rather than offense. Both Harrison Davion and his mother, Yvonne, stewarded their realm into a guarded peace. The AFFS embraced the light combat team, a mobile defensive combat unit, over the crushing hammer of the regimental combat team. Davion military industry built newer and stronger machines of war, as all realms did, to strengthen their defenses, not project aggression.

But as the above glimpse of history shows, the history of House Davion does not make for quiet borders. After the Blackout, as the Republic and its wishes for peace disappeared behind the Fortress, the Suns' enemies gathered their strength and attacked.

The Draconis Combine fulfilled a longtime goal and claimed the Draconis Reach in 3140. Not content, and riding high on victory after having crushed a Nova Cat rebellion, the Dragon leapt across the border and slew First Prince Caleb Davion on Palmyra, along with the flower of the AFFS. Other regiments decapitated the Draconis March by capturing Robinson and killing Duke Corwin Sandoval.

On the Suns' other border the Capellan Confederation, not content to swallow large chunks of the former Republic prefectures on its border, attacked into the Federated Suns. Long sought-after worlds such as Tikonov and Chesterton fell to the Capellan advance. Victoria, the former heart of an entire commonality, was recovered. CCAF regiments assaulted and captured the march capital New Syrtis and executed Duchess Amanda Hasek.

Julian Davion, newly appointed first prince, is separated from his embattled nation. Davion citizens are struggling to recover their poise. Military industries are rushing equipment to the front. Quartermasters are stockpiling equipment for counteroffensives. The soldiery are girding themselves with the lessons of history; the Suns has been threatened before.

But the Davions' enemies are strong, and concentrated, and see advantage everywhere. It remains to be seen who will emerge victorious. All parties are fighting wars of national obligation, driven by centuries of enmity no longer balanced by the Republic's diplomacy.

—Paladin Janella Lakewood 12 October 3145





GAME NOTES

Technical Readout: 3145 (Federated Suns) covers a wide breadth of units and equipment. To understand how these various units plug into the core BattleTech rulebooks, it's useful to cover how the various rulebooks interact.

Standard Rules

The Total Warfare (TW) and TechManual (TM) rulebooks present the core game and construction rules for BattleTech (BT), otherwise referred to as the standard rules. In addition, to reflect the advancement and proliferation of new technologies, several Advanced Rules items from Tactical Operations have been reclassified as Standard Rules items for games set in the Dark Age era.

Advanced Rules

Beyond the standard rules a legion of advanced rules exists, allowing players to expand their games in any direction they desire. In an effort to bring these rules to players in the most logical form possible, the advanced rules are contained in three "staging" core rulebooks, each one staging up and building off of the previous rules set.

Tactical Operations (TO) is the first in the "staging" advanced rulebooks. Its focus is on special situations and advanced terrain during game play, and applies directly to a game as it unfolds on a world in the *BattleTech* universe.

Strategic Operations (SO) is the second "staging" advanced rulebook. It stages a player up to the next logical area of play, focusing on "in a solar system" and multi-game play. Interstellar Operations (IO) is the third and final "staging" advanced rulebook. Players are staged up to the final level of play, where they can assume the roles of a House lord or Clan Khan and dominate the galaxy.

HOW TO USE THIS TECHNICAL READOUT

Complete rules for using 'Mechs, vehicles, infantry, battle armor, fighters, and DropShips in *BattleTech* game play can be found in *Total Warfare*, while the rules for their construction can be found in *TechManual*; some equipment is detailed in *Tactical Operations*. The rules for using JumpShips and WarShips, as well as their construction rules, can be found in *Strategic Operations*. The following three definitions are used to clarify the various types of equipment that appear in *Technical Readout: 3145 (Federated Suns)* and are presented in the standard and advanced rulebooks.

Standard: most of these work with Total Warfare rules only, but some Advanced rules items may be present, requiring Tactical Operations for full effect. Advanced: Any equipment mass produced "in universe"; must have Tactical Operations and/or Strategic Operations, in addition to Total Warfare, to use. Experimental Rules: Any equipment not mass produced "in universe" because it is prohibitively expensive, extraordinarily sophisticated, exceedingly difficult to maintain or simply deemed too unreliable or restrictive for widespread deployment; must have Tactical Operations and/or Strategic Operations, in addition to Total Warfare, to use.

Design Quirks

Every unit described in *Technical Readout: 3145 (Federated Suns)* may have one or more listed positive and/or negative Design Quirks (see p. 193, SO and p. 204, *TRO: Prototypes*). These quirks are included to give each design a unique flavor. Use of these quirks is optional and should be agreed upon by all players before play begins.





PAB-28 SNIPER SUIT

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As has been proven repeatedly on Robinson and New Syrtis, Federated Industries' PAB-28 sniper suit is a powerful and stealthy light powered armor that gives the AFFS a decided advantage on the battlefield. It excels in combat environments where a conventional, unarmored sniper might have to retreat, and while it lacks the cachet of a high-power suit like the Cavalier or Hauberk, the PAB-28 brings its own unique brand of fear to the AFFS' enemies.

CAPABILITIES

Sniper suits are not meant for frontline combat, and Federated designed the PAB-28 to remind its users of that. It is a defensive weapon, lacking the armor to compete in open combat and the speed to escape. PAB-28 pilots often move into position hours or even days before firing, waiting until just the right time to strike.

DEPLOYMENT

Scout/sniper squads in most Davion march militias operate the PAB-28, though many light combat teams maintain specialist squads in their infantry contingents. A number of mercenary units have purchased the sniper suits as well, though they often find it difficult to maintain them away from AFFS supply lines.

On Palmyra in 3144, as the Combine's surprise attack destroyed the AFFS regiments gathered there, several PAB-28 squads were among the last troops killed or captured. In the city of Sawle, for example, a squad of snipers previously attached to the Fifth Ceti Hussars LCT remained behind while their regiment fought for its life. Led by Sergeant Major Eduardo Reyes, the squad went to ground in a destroyed industrial district. By early July the capitulation of Palmyra was complete, but the squad remained at large and hidden.

In the second week of July, a Combine *sho-sa* and his retinue visited the battle site, hoping to find mementos to send back to the Combine. Shortly after leaving their vehicle, the *sho-sa* was decapitated. As his body fell, surprising his comrades, the crack of the light Gauss rifle's firing was heard—the round had arrived far ahead of the sound of its passage. A response platoon of DCMS infantry failed to turn up the sniper.

Over the next three months, long after Palmyra was officially declared pacified, Sergeant Major Reyes and his squad repeated this tactic. A twenty-three-year veteran and former instructor at the AFFS's regional sniper school, Reyes led his men and women into a classic harassment campaign, claiming nineteen field-grade DCMS officers, including a *taisa*, before their battlesuits finally succumbed to lack of maintenance. Reyes and the two surviving snipers disappeared into Sawle's population and evaded capture.

During the Battle of Robinson, two squads of the Robinson DMM discovered the PAB-28's uselessness as an infiltration suit. Attempting to sneak into a DCMS cantonment outside Bueller and assassinate key officers, the sniper suits were caught by a roving patrol and quickly pinned down. Though individually effective against single targets, the PAB-28s were unable to resist being overrun by Kuritan Kishi battlesuits. Six of the eight snipers were killed immediately, their light powered armor unable to resist the Kishis' vibro claws. The remaining two were knocked unconscious and captured.

NOTABLE UNITS

Sergeant Vela Horgan: One of Reyes' snipers on Palmyra, Sergeant Horgan is credited with the death of Tai-sa Hideo Washiba in Sawle in August 3144. Though the gun camera footage from her PAB-28 has yet to be recovered, experts believe her to be one of only six AFFS snipers to have made combat kills at over a kilometer since 3135. Having killed the tai-sa with a single shot, Horgan and her teammate endured three hours of artillery barrage that leveled the parking structure they'd fired from. The sniper suit's armor protected them from shrapnel and prevented nearby Kuritan armored vehicles from detecting them as they made their escape. Davion intelligence believes she is still at large on Palmyra, though her suit—or what was left of it—was recovered by the DCMS.

Leftenant Charles Delacourt: Leftenant Delacourt commanded a specialty squad of PAB-28s attached to the Davion Light Guards. When the Combine struck the Light Guards at Brookeland, Delacourt saw a perfect opportunity to put his new tactics into practice. As they'd practiced, the squad let themselves be "abandoned" by a fast lance of Light Guards 'Mechs. As the Combine's frontline units raced past them, the squad waited until the rear-echelon DCMS units came forward to clean up the battlefield. Striking from cover, they killed several squads of DCMS technicians before fleeing into Brookeland's hinterlands to begin a guerrilla campaign.

BATTLE

PAB-28 SNIPER SUIT



SEA FOX AMPHIBIOUS ARMOR

It was an almost prescient decision for the AFFS to focus for so long on defensive matters, considering the invasions it has suffered in recent years. The Sea Fox amphibious battle armor is a product of that defense doctrine, and in its limited role it is among the finest specimens of warfighting technology in the Inner Sphere. Its specialized nature makes it ill-suited for general deployment, but many Sea Fox platoons operate as part of march militias and units detached to local command.

CAPABILITIES

The Sea Fox is an ambush fighter, though it functions very well as an infiltrator, especially in urban areas with access to large waterways. Stealthy, quiet, and fast as a snake under the water, the sight of a Sea Fox rising from the waves has been the last sight of many a Combine and Confederation logistics worker in the last two years.

DEPLOYMENT

When the Sixteenth Galedon Regulars attacked McGehee in 3144, the Fourth Robinson Strikers were ready for them. Though the Strikers would evacuate the world, they did heavy damage to the Sixteenth through a series of coordinated strikes and careful defensive strategies, many of them using the Sea Fox platoons attached to the light combat team. Few Sea Fox platoons can claim the battle honors of the 302nd Amphibious Platoon, also known as the Red Tridents.

During a skirmish near the city of Tonia, one of the Strikers' battalion command posts was overrun and the command staff captured. The Sixteenth immediately sent the captives back for interrogation, but to get to the Combine landing zone the column would have to cross the Davis River. The Red Tridents were tapped to extract the battalion staff before they could be interrogated. Using confiscated hydrofoils, the Tridents moved downriver until they were a kilometer above the crossing. Since the AFFS had blown the bridges crossing the Davis, the Galedon Regulars were forced to use three boats—one prisoner transport and two skiffs full of infantrymen for escort. Combine 'Mechs waited on either side of the river as escort.

When the three boats were a little more than halfway across the river the Tridents attacked. The first notice the Combine attackers had were Sea Fox battlesuits rising just far enough from the water on a series of sandbars to fire their machine guns before disappearing. The two escort skiffs were destroyed by shortrange missile fire, and the captured officers were able to gain control of their boat with the Sea Foxes' help. The 'Mechs, too far away to fire accurately at the stealthy Sea Foxes, tried to sink the boat but the river current helped the staff escape to be evacuated with the rest of the Fourth a short time later.

Ryuken-roku captured a number of Sea Fox suits on Rowe and have put them into service. These suits have largely been used to counter Davion riverine combat units, but from the level of training being maintained, it appears the Ryuken intend to field the Sea Foxes as offensive units as well. The officer in charge, *Chu-i* Harold Mangon, has extensive experience with waterborne combat, having previously commanded a detachment of hydrofoil attack craft on Gandy's Luck. There are indications that the DCMS intends to contract with Clan Sea Fox, which also operates the eponymous battle armor, for maintenance and supplies—which the Foxes are sure to offer.

NOTABLE UNITS

Corporal Bethany Page: Corporal Page serves in the infantry contingent of the Fourth Robinson Strikers LCT. She was part of the Red Tridents and was instrumental in rescuing the battalion staff. She was commended after the rescue for using her UMUs to speed beneath the prisoner boat and attack one of the escort skiffs. She is one of the few Sea Fox troopers to have successfully hit a target with her SRM while firing from movement, instead of stopping to steady the ungainly weapon. Her promotion to corporal was approved after she rescued one of the battalion staff officers who'd fallen overboard when a near-miss rocked their boat.

Sergeant Tamsin Pickering: An NCO with the Seventh Crucis Lancers, Sergeant Pickering survived the destruction of her unit on Palmyra and began a guerrilla campaign along the Groan River. She's gathered more than a company of infantryman around her, and enough techs to keep her battlesuits operating. Sea Foxes excel at littoral combat, and Davion military intelligence credits her insurgents with several noteworthy kills against the New Samarkand Regulars before the Regulars' withdrawal.

BATTLE ARMOR

SEA FOX AMPHIBIOUS ARMOR

Type: Sea Fox Manufacturer: General Motors Primary Factory: Salem Equipment Rating: F/X-X-F

Tech Base: Mixed Inner Sphere Chassis Type: Humanoid Weight Class: Light Maximum Weight: 750 kg Battle Value:

25

Swarm/Leg Attack/Mechanized/AP: No/Yes*/Yes/Yes

Notes: *Leg Attacks only possible on 'Mechs in Depth One or deeper water. Features the following Design Quirks: Accurate Weapon (Light MG), Non-Standard Parts.

Equipment Chassis: Motive System:	Slots	Mass 100 kg
Ground MP: Jump MP: UMU MP (C):	3 1 3	30 kg 0 kg 135 kg
Manipulators: Right Arm: Left Arm: Armor: Armor Value:	Armored Glove Armored Glove Basic Stealth 3 5 + 1 (Trooper)	0 kg 0 kg 275 kg

	Slots			
Weapons and Equipment	Location	(Capacity)	Tonnage	
Cutting Torch	RA	1	5 kg	
SRM 1 (OS)	LA	2	50 kg	
Light Machine Gun (50)	Body	1	75 kg	
Extended Life Support	Body	1	25 kg	
Mechanical Jump Booster	—	—	50 kg	





FUSILIER BATTLE ARMOR

The Fusilier battle armor is a prime example of that most military of boondoggles, the product that meets no glaring demand. Introduced in the early 3120s, it was too heavy and too slow but the AFFS Department of the Quartermaster purchased it anyway. General Motors produced it for a little more than a decade before finding an attractive upgrade option, but the Fusilier remains an odd duck in AFFS battle armor battalions.

CAPABILITIES

As a heavy combat suit the Fusilier is intended to stand in the line of battle with other prominent AFFS battlesuits like the Grenadier and the Hauberk, but where those armors have distinguishing characteristics, the Fusilier has none. It's a bastardized weapon, incorporating parts from the Grenadier and the Sea Fox, but its construction is solid and its performance, if not flashy, is even more solid. The upgrade, deployed after the Blackout, trades the jump booster and Magshot for a plasma rifle and reflective armor.

DEPLOYMENT

A company of Fusiliers was on Demeter, training with the planetary militia, when Warrior House Ijori and the Third Tikonov Guards attacked in 3144. Though the militia survived the initial assault and went to ground, the Fusiliers were too heavy and too slow to be useful to a guerrilla campaign, so they remained behind to protect the militia base at Dormant. Soon a task group from the Tikonov Guards arrived and demanded the fort's surrender. Hoping to give the militia more time to escape and establish wilderness strong points, Captain Edgar Provenance refused. Led by a pair of *Gùn* OmniMechs and supported by two companies of infantry, the Capellans attacked. The fort's batteries succeeded in destroying all three of the CCAF's supporting Predator tank destroyers before they could close, but the *Gùns* were too fast and slipped over the fort's walls. One, a *Gùn A*, destroyed the turrets from behind, while the other, a *Gùn Prime*, stalked the infantrymen inside the fort's walls. Captain Provenance's men had spent their time wisely, however, and were ready.

Attacking from cover, one platoon of Fusiliers slaughtered nearly a full company of Liao infantry as they entered the fort. The other two platoons played cat and mouse with the Liao 'Mechs, firing their Magshots but doing little damage. A lucky hit took out the PPC of the *Gùn A*, but it had already killed more than a squad of troopers. The arrival of the rest of the infantry and Liao VTOLs sealed the Fusiliers' fate, but they had done their job. The militia's insurgency built a sound foundation during the lull.

Older-model Fusiliers are often preferred by Capellan March Militia units because of the resilience of their stealth armor over the fragile reflective armor, as proven by a raid conducted by a detachment of the New Syrtis CMM in 3139. Striking at a training site on Nihal, the CMM detachment—two squads of Fusiliers riding captured Capellan Shun Transport VTOLswas composed of half advanced, half original suits. When the team came under fire by a while hiding in a building, the advanced Fusiliers' battlesuits crumpled beneath falling building spars and damage suffered in the building's collapse. The second squad, with less advanced but sturdier armor, was able to accomplish its mission and escape.

NOTABLE UNITS

Ban-zhang Horace Tang: Horace Tang leads a squad of captured Fusilier battlesuits in the infantry battalion of Warrior House Ijori. They managed to salvage the suits on Demeter, and have used them to deadly effect on several formerly Davion worlds. Ijori favors an indirect style of combat, and using captured Davion equipment allows them to effect ambushes and raids with admirable regularity. Tang, who had previously served as a mercenary in Davion service, earned his place in the Capellan warrior house by arriving with a squad of functional Cavalier battlesuits.

Sergeant Heironymo Danner: Sergeant Danner and his squad of Fusilier battlesuits were the survivors of the raid on Nihal in 3139. Upon their return to New Syrtis, they were immediately offered upgrades to the advanced Fusilier suit, but all four troopers refused. When pressed by their CO, who was afraid of offending the noble patron who'd procured the suits, Danner is reported to have said "When someone offers you a shiny new sword, it does no one any good to fall on it." Taking its cue from Danner, the rest of the Fusilier company in the CMM exchanged their Fusiliers for original models.

BATTLE ARMOR

FUSILIER BATTLE ARMOR

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Type: Fusilier

Manufacturer: GM Primary Factory: Salem Equipment Rating (Standard): E/X-X-E Equipment Rating (Upgrade): F/X-X-F

Tech Base (Standard): Inner Sphere Tech Base (Upgrade): Inner Sphere (Advanced) Chassis Type: Humanoid Weight Class: Assault Maximum Weight: 2,000 kg Battle Value: 67 (Standard)

73 (Upgrade)

Swarm/Leg Attack/Mechanized/AP: No/No/No/Yes

Notes: Features the following Design Quirks: Accurate Weapon (Light MG).

Equipment	:	Slots	Mass
Chassis:			550 kg
Motive System (Standard):			
Ground MP:	1		0 kg
Jump MP:	2		250 kg
Motive System (Upgrade):			
Ground MP:	1		0 kg
Jump MP:	1		250 kg
Manipulators:			-
Right Arm:	None		0 kg
Left Arm:	Armored Glove		0 kg
Armor (Standard):	Basic Stealth	3	825 kg
Armor Value:	15 + 1 (Trooper)		
Armor (Upgrade):	Reflective	7	825 kg
Armor Value:	15 + 1 (Trooper)		

Weapons and Equipment	Location	Slots (Capacity)	Tonnage
<i>Standard</i> Magshot Gauss Rifle (10) Light Machine Gun (50) Jump Booster	RA Body Body	3 1 2	175 kg 75 kg 125 kg
<i>Upgrade</i> Plasma Rifle (20) Light Machine Gun (50)	RA Body	2 1	300 kg 75 kg





KRUGER COMBAT CAR



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Mass: 10 tons Movement Type: Wheeled Power Plant: DAV 50 Fusion Cruising Speed: 75 kph Maximum Speed: 118 kph Armor: ProtecTech Heavy Ferro-Fibrous Armament:

2 Bright-Bloom Extended Range Medium Lasers Manufacturer: Avalon Arms Company Primary Factories: New Avalon Communications System: Broadstar Micro-Pulse Taracting and Tracking System: Broad

Targeting and Tracking System: Broadstar Pintel-Star

It was quite a surprise to Davion militia procurement officers when the Avalon Arms Company offered for sale the Kruger Combat Car in 3091. Up to then, they had only seen pictures and examples of the Kruger in military museums—Krugers had fought during the Star League and First Succession War eras. The new Kruger built on the strengths of the original by adding modern technology.

CAPABILITIES

Krugers are favored vehicles of scout platoon commanders in urban environment across the spinward half of the Inner Sphere and nearby Periphery because of their excellent communications and drive systems. Fast, well-armed enough for defense or sniping but lacking the armor to stand and fight, it reinforces for junior officers the need to report information to the rear—personally, if necessary.

DEPLOYMENT

Though Krugers are famed for their capabilities on paved roads, one Kruger made quite a name for itself in the Harsefield Desert on Dahar IV in early 3145. Part of the armor contingent of the Dahar Draconis March Militia, Corporal Anderson Crowley, in his Kruger, was scouting into the desert when he detected a small DCMS reconnaissance force. Though Dahar IV hosted both the DMM and the recuperating Fourth Robinson Strikers, no one had noticed the small Combine force land—except Crowley.

Though he managed to keep from being detected, Crowley knew he had to report back. A radio broadcast would have been detected, so he waited until night fell and then drove 100 kilometers back to a safe place to report. Aware that no one else knew the Harsefield as well as he did, Crowley ignored orders to withdraw and returned each night to keep an eye on the raiders' position. For more than sixty hours he repeated this maneuver-watch and sprint to report—without sleep, until a company from the Fourth Robinson arrived to drive the raiders off. He used his knowledge of the desert to place the Strikers in a prime ambush location, and during the battle moved around to the DCMS' rear to cut off their escape. He was credited with killing two Raiden battlesuit troopers single-handedly, despite his exhaustion.

During the assault on New Demeter City on Demeter in 3144 several Krugers gave excellent, if ill-fated, service against Warrior House Ijori. As the Ijoris and their Tikonov auxiliaries raced into the city, the local militia commander threw his Krugers out as scouts. Strong ECM and other jamming made communications difficult, but the Krugers' ability to rapidly reverse out of danger spots made them supreme couriers. Though the city fell, most credit the Krugers' scouting as a factor in it holding out as long as it did.

VARIANTS

The original Kruger lacks the advanced technology of the modern tank, with standard armor and medium lasers. Avalon Arms offers it for sale to users who lack the logistical diversity to maintain the modern combat car.

NOTABLE UNITS

Sergeant Anderson Crowley: Promoted after the action on Dahar IV, Sergeant Crowley has surprised his commanders by asking for a transfer off of Dahar, his homeworld. When they investigated they found that Crowley had been the target of a lengthy campaign of harassment and abuse by the Pack Rat long-range patrol vehicle drivers in the DMM, who believed he'd usurped their primacy of place as desert warriors with his actions in the Harsefield. Instead of transferring Crowley, the battalion commander transitioned the Pack Rat operators out of Pack Rats and into a new shipment of Krugers.

Elston Herrod: Herrod and his old-model Kruger are the only line of communication between a monitoring outpost on the Calderon Protectorate world Diik and the militia base it reports to. Strong electrical storms make radio contact infrequent and tectonic activity cuts landlines, so Herrod travels the 400 kilometer path once every four days. The Kruger's independent drive wheels make it off-road ready, a necessity when heavy rains often force him to change his path.

KRUGER COMBAT CAR

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Type: Kruger

Technology Base: Inner Sphere Movement Type: Wheeled Tonnage: 10 Battle Value: 429

Equipment	
Internal Structure:	
Engine:	50
Type:	Fusion
Cruise MP:	7
Flank MP:	11
Heat Sinks:	10
Control Equipment:	
Lift Equipment:	
Power Amplifier:	
Turret:	
Armor Factor (Heavy Ferro):	69
	Armor
	Value
Front	16
R/L Side	13/13
Rear	14
Turret	13

Weapons and Ammo

Mass 1 2.5

2 ER Medium Lasers

Location Tonnage

2

Notes: Features the following Design Quirks: Improved Communications, Power Reverse.

Turret





MARTEN SCOUT VTOL

Mass: 15 tons

Movement Type: VTOL Power Plant: Tyron 100 ICE Cruising Speed: 140 kph Maximum Speed: 216 kph Armor: ProtecTech Light Armament:

1 Federated SuperStreak SRM 2 Launcher **Manufacturer:** Cal-Boeing of Dorwinion

Primary Factories: Belladonna Communications System: Achernar Standard Targeting and Tracking System: IsBM Lantirn

Though never sold in large enough numbers to satisfy its manufacturer, the Marten has spread across the Inner Sphere and Periphery and gained a reputation as a reliable, if unloved, combat helicopter. It provides journeyman service as a scout deployment and special forces insertion vehicle, but struggles in the attack and interdiction roles many militias try to force it into.

CAPABILITIES

The Marten is fast, simple, and—with the exception of its balky muffling system—easy to maintain. It carries just enough firepower to make its presence known, just enough infantry transport space to make it useful, and just enough sensor payload to make it worthwhile, but it does none of those things any better than many other VTOLs.

DEPLOYMENT

In active service for more than a century, the Marten struggles to stand out, though the spate of combat that erupted since the Blackout has given it plentiful opportunity. Perhaps the most noteworthy Marten action took place on Diefenbaker in 3137 when a company of Taurian mercenaries raided across the border.

Protected by its own militia and a battalion of the Islamabad Periphery March Militia that was rotating through, Diefenbaker looked like easy pickings for a 'Mech company. While the PMM 'Mech lance went out to meet the mercenaries, a platoon of DMM Infiltrator Mk II battlesuit troopers collaborated with a company of Martens to attack the mercenaries' grounded DropShip. Each of the Martens lifted a single battle armor infantryman, while the last squad accompanied a platoon of Musketeer hovertanks. They skirted the battle site and made their way to the landing zone.

First, the Musketeers and lone squad pretended to be a much larger force and got the DropShip firing on them. While they were distracted the Martens swept across the LZ from the other direction and placed the twelve Infiltrators directly atop of the *Union*-class ship. Unable to fire on their own hull, the DropShip fell quickly once the battlesuits got inside. Though two of the Martens were destroyed as they cleared the LZ, the remainder participated in the final attack on the mercenary 'Mechs, using inferno-loaded SRMs to force the remaining seven 'Mechs to surrender.

Not all commanders understand the Marten's limitations, however. During the fall of Robinson in 3144 a DMM battalion commander called on his Martens to extract an infantry company cut off by a battalion of the Eighth Sword of Light. Though the Martens' CO demurred, the major insisted, and the helicopters attempted to thread the Sword of Light's lines. Four out of sixteen Martens were destroyed penetrating to pick up the infantrymen, but none of them survived the attempt to get out. All of the Martens were brought down by concentrated fire, killing both their pilots and the embarked infantrymen. The AFFS inspector-general's office had been considering charges against the major, but he was killed during the withdrawal.

VARIANTS

The infantry transport model of the Marten sacrifices the short-range missile launcher and ammunition for greater infantry lift capacity.

NOTABLE UNITS

Warrant Officer Clay Ostic: Leader of a flight of four Martens in the mercenary Al Tar's Askaris, Ostic and his crews are renowned for never failing to brave enemy fire to help their comrades. The Martens—three standard and one infantryvariant—are used for long-range resupply and medevac during combat, and Ostic's record of never failing to answer a call for help has stood in the face of attacks by Capellan, Republic and even Wolf Empire troops.

Sergeant William Carpenter: During the fall of Gambier in 3144, Sergeant Carpenter and his militia company of Martens were called upon at night to shift troops rapidly in the face of the Fifth Sword of Light's rapid advance. During one of the final skirmishes, three Martens were brought down despite their muffled engines. Carpenter ordered his own muffler removed and flew with the remaining helicopters to evacuate a platoon of scouts. His gambit worked—though he was killed, the rest of the Martens escaped notice and completed their mission.

12

MARTEN SCOUT VTOL

Type: Marten

Technology Base: Inner Sphere Movement Type: VTOL Tonnage: 15 Battle Value: 179

Equipment Internal Structure: Engine: 100 Type: ICE Cruise MP: 13 20 Flank MP: Heat Sinks: 0 Control Equipment: Lift Equipment: Power Amplifier: Turret: Armor Factor: 24 Armor Value Front 8 R/L Side 5/5 Rear 4 2 Rotor

Weapons and Ammo	Location	Tonnage
SRM 2	Front	1
Ammo (SRM) 50	Body	1
Infantry Compartment	Body	1
Remote Sensor Dispenser	Rear	.5

Mass

1.5

6

0

1

1.5

0

0

1.5

Notes: Features the following Design Quirks: Difficult to Maintain.





JI2A1 ATTACK APC

Mass: 25 tons

Movement Type: Hover Power Plant: Fireheart 120 Fuel Cell Cruising Speed: 108 kph Maximum Speed: 162 kph Armor: Valiant Plate Heavy Ferro-Fibrous Armament:

2 Holly SRM 4 Launchers **Manufacturer:** Johnston Industries **Primary Factories:** New Syrtis **Communications System:** Johnston Q-Band **Targeting and Tracking System:** BlazeFire Tracker with Range Check

Introduced in time to make a reputation during the short Victoria War, the JI2A1 armored personnel carrier has spread across the rimward Inner Sphere and earned a reputation as a fast, resilient and reliable battle armor transport.

CAPABILITIES

As fast as a Clan *Dasher*, the JI2A1's usual method of operation is to sprint into the midst of an enemy position, unload its infantry, and escape to become a harasser unit. Gunners in JI2A1s often load their short-range missile magazines with specialty ammunition tailored to the likely combat environment.

DEPLOYMENT

A favorite APC in the Davion Light Guards' battle armor battalions, JI2A1s were instrumental in the savaging the Guards gave to the Combine's Tenth and Eleventh Ghost regiments on Brookeland. In the skirmishes around Meyer, for instance, the APCs kept the conventional battalions of the Tenth Ghost believing they were facing a far larger group of Davion defenders.

Knowing that they couldn't hope to keep up with the Light Guards, the Tenth Ghost occupied Meyer and settled into the tactical defensive, content to let the Light Guards spend themselves against fixed defenses. The Guards, however, especially the battle armor battalion led by Major Nathan Deladier, practiced assaults against just these kinds of defenses. Careful observation told them which strong points were held by armor and which by infantry and, after a pause to reload their JI2A1s, the battalion attacked.

Supported by long-range fire from Light Guards 'Mechs and tanks, the JI2A1s sped forward. As they closed the range, each of the APCs fired their SRM racks. Where they faced armor, the APC gunners had loaded tandemcharge warheads; where they faced infantry, fragmentation warheads. The SRMs tore holes far outside their proportion into the Ghost lines, and heavy Grenadier battlesuits emerged from the APCs to wreak heavy damage and then escape in the confusion.

In the Capellan Confederation the CCAF put their own JI2A1s, purchased before the Blackout, to good use as training vehicles. They used these vehicles to anticipate AFFS mine-clearance tactics, firing mine-clearance missiles from the APCs to see how the AFFS would likely react to Thunder minefields. This pre-planning stood them in good stead on Almach and New Syrtis, where Davion officers found their tactics nullified.

A number of JI2A1s have fallen into the hands of pirates, who load the SRM magazines with fragmentation missiles and use them to attack crowds of people or concentrated infantry formations. In a raid on Erod's Escape in 3141, an unidentified pirate band attacked an openair market as cover for a resource raid, killing more than 400 civilians. The pirates carried in the infantry bay looted the dead bodies before they withdrew, which is one of the reasons the Calderon Protectorate has leveled a massive reward for their capture or death.

VARIANTS

Johnston offers a different turret mounting a pair of multi-missile launchers as either a production model or an after-market modification.

NOTABLE UNITS

Sergeant Bryan Charles: Sergeant Charles is the gunner of a JI2A1 attached to a scratch battalion of the Republic Remnant forces who fought on Galatea in 3144. He and his driver were instrumental in rescuing Tara Campbell when the duchess was cut off during a particularly brutal action outside Galatean City. Pressed on two sides by Falcon Elementals, Campbell and her small force were nearly captured before Charles and his platoon-mates arrived. Striking from behind the Falcons, Charles' first barrage of tandem-charge missiles killed three of the Elementals outright. A brutal battlesuit-tobattlesuit combat ensued, but the duchess was able to escape. Charles was evacuated with the rest of the Remnant forces when the nascent Galatean League requested they leave.

Leftenant Darryl Vadim: Vadim was one of the most vocal officers in the Second Filtvelt Citizen's Militia who argued to support the Federated Suns against the Draconis Combine, and has been angry that the Thumpers were chosen instead of his unit. Two requests—in less than a month—for transfer have already been denied. He and his platoon of JI2A1s have been training nonetheless in anti-DCMS tactics. Apparently Vadim believes the Thumpers will not be enough to hold the Dragon back.

14

JI2A1 ATTACK APC

Type: JI2A1

Technology Base: Inner Sphere Movement Type: Hover Tonnage: 25 Battle Value: 435

Equipment	
Internal Structure:	
Engine:	120
Type:	Fuel Cell
Cruise MP:	10
Flank MP:	15
Heat Sinks:	1
Control Equipment:	
Lift Equipment:	
Power Amplifier:	
Turret:	
Armor Factor (Heavy Ferro):	79
	Armor
	Value
Front	20
R/L Side	15/15
Rear	14
Turret	15

Location
Turret
Body
Body



Mass 2.5 5

> 0 1.5 2.5 0 .5 4





HASEK MECHANIZED COMBAT VEHICLE

Mass: 40 tons Movement Type: Tracked Power Plant: GM 200 Light Fusion Cruising Speed: 54 kph Maximum Speed: 86 kph Armor: Johnston Duraweave 8000 Heavy Ferro-Fibrous

Armament:

1 Johnston Parti-Cannon 1 BlazeFire Spreadshot Small Pulse Laser **Manufacturer:** Johnston Industries **Primary Factories:** New Syrtis **Communications System:** CommuTech XL **Targeting and Tracking System:** BlazeFire Ranging System Type 5

At the turn of the century, as the Victoria War loomed, nationalistic fervor was at a high point. Across the Federated Suns, but especially in the Capellan March, manufacturers and AFFS procurements officers scrambled to take advantage of this fervor, and many contracts were let for notstrictly-necessary equipment. One such contract was for the Hasek Mechanized Combat Vehicle.

CAPABILITIES

There is little that the Hasek offers that its progenitor, the venerable Goblin tank, didn't already offer. Stronger armor, better speed and comparable weapons made it no less effective than its parent, but the real selling point was the obvious marketing ploy of the name. By taking the name of the ancestral ruling family of the march, Johnston ensured a high profile and a steady stream of orders.

DEPLOYMENT

Haseks have been purchased and spread across the Inner Sphere since their introduction, and though production has halted with the Capellan conquest of New Syrtis many remain. They have offered the same sterling service in every theater.

During the invasion of Victoria many Haseks were sent forward to prove their worth. In the main they performed as expected, though one crew earned battle honors the equal of a battle tank of much greater mass. Sent as part of an extended raid, Sergeant Delos Fens and his crew carried a jump infantry platoon intended to infiltrate a Home Guard depot and destroy it. They crawled carefully through the Liao lines, crossing barely six kilometers in two days, before sprinting toward the depot. Capellan defenses, expecting a conventional VTOL-based assault, never detected the Hasek, and the jump infantry platoon infiltrated and destroyed the supplies with little opposition.

On New Syrtis, as the Capellans advanced toward Johnston Industries, a number of Haseks were pressed into service as battle tanks. The medium-weight tracks had little success challenging Capellan heavyweights like the Po II, but the sheer number of them allowed them to do some damage before they were dealt with. In particular, one platoon used concentrated fire from their PPCs to wound three Capellan 'Mechs. The sergeant in charge was captured when battlesuit infantry overran his tank, but a prisoner exchange shortly after the fall of the factory returned him to Davion hands.

Despite the Hasek's utility the Capellan Strategios halted production of the tank after New Syrtis' fall, no doubt to remove even equipment bearing the late duchess' name from use. Despite the rallying power Amanda Hasek's death offers the AFFS, the largely symbolic victory her execution gave the Capellan Confederation makes it necessary for the Liaos to take every opportunity to reinforce that symbolism.

NOTABLE UNITS

Sergeant Nicole Talisman: Sergeant Talisman and her crew were responsible for the deep raid on Victoria, and earned several battle honors for sneaking a forty-ton tank through the Capellan lines. Using their embarked jump infantry as ersatz scouts, the Hasek crew crept forward between Capellan observation posts, using terrain to the maximum. Upon their return to the Davion lines, Talisman and her crew were all promoted one step and recommended for the Sunburst in various steps, but the 'Mech commander on-world denied these awards, unwilling to lessen the prestige of his victorious MechWarriors.

Leftenant lan Trevalyen-Davion: lan Trevalyen-Davion is a Davion by name only his mother married into a distaff branch of the ruling line—but has already made a name for himself. During the fall of New Syrtis, lan assumed control of a platoon of Hasek tanks and defended the factory. His was the platoon that disabled three Capellan 'Mechs, and his capture was made a top priority. Upon his exchange, he was promoted from sergeant to leftenant and placed in the armor forces of the First Federated Suns Armored Cavalry, where he is using massfire tactics to improve the battlefield efficacy of often-maligned armor units.

16

HASEK MECHANIZED COMBAT VEHICLE

Type: Hasek			Weapons and Ammo	Location	Tonnage	
Technology Base: Inne	or Sohere		PPC	Turret	7	
Movement Type: Track			Small Pulse Laser	Turret	1	
Tonnage: 40			Infantry Compartment	Body	4	
Battle Value: 841			mantry compartment	Bouy	4	
Dattle Value. 041			Notes: Features the foll	owing Dosign (wirks: Easy to	
Equipment		Mass	Repair.	owing Design C	uliks. Easy to	
Internal Structure:		4	nepun.			
Engine:	200	10				
Type:	Light Fusion	10				
Cruise MP:						
Flank MP:	5 8					
Heat Sinks:		2				
	12	2				
Control Equipment:		2				
Lift Equipment:		0				
Power Amplifier:		0				_
Turret:		1				11 Della Della
Armor Factor (Heavy F		9				
	Armor					
	Value	d'	The The Part			
Front	48					
R/L Side	35/35		N			
Rear	30	5			THE THE	
Turret	30					MM REF
					2 MD	- Chroller
	4			PINE		
				111. 2:		
				10		
	- Core	1111	- apple - upple -			19.19
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		Cob	COM PLOT			
			and any man	SEE 1		
		O/P			MO MIL-	
					POP ANT	Martin Martin



SORTEK ASSAULT CRAFT

Mass: 45 tons Movement Type: Hover Power Plant: GM 170 Fusion Cruising Speed: 97 kph Maximum Speed: 151 kph Armor: Valiant Lamellor Special Heavy Ferro-Fibrous Armament: 2 Mydron Tempest Rotary Class 2 Autocannons 1 MainFire Point Defense Anti-Missile System Manufacturer: Corean Enterprises Primary Factories: New Avalon Communications System: Corean Transband-J9

Targeting and Tracking System: Corean C-Link

Corean Enterprises' Musketeer hovertank was one of the most successful creations the company unveiled in the last century, and they were anxious to do so again with the Sortek Assault Craft. The speedy tank excels at the harasser role, even if it is not the main combatant that the Musketeer is.

CAPABILITIES

Fast and well-armored, the Sortek's designed purpose is to skim and harass enemy formations. Though there are longer-ranged weapons that might serve better, the Sortek's paired rotary autocannons make it difficult to ignore, and many Davion battalions have used it to great success breaking up the line of battle.

DEPLOYMENT

Many of the longest-surviving units on Palmyra were built around Sorteks. One, Tico's Company of the Crucis Lancers, was entirely built of Sorteks, and this company used its speed and firepower to draw off a number of Combine probes toward consolidating Davion units.

Time and again Captain Tico and his three platoons would discover an officer building a small ad hoc unit out of the survivors of broken regiments and combat teams. Each time, a Combine column would be detected on its way to crush this new pocket of survivors, and Tico and his blowers would hurry out and draw the Combine column off. Four times alone in July 3144 this tactic allowed a provisional company to assemble and counterattack, but in the end the ravenous ammunition needs of the Sorteks proved their undoing. Out of anti-missile system ammunition and short on cannon rounds, Tico and his eight remaining Sorteks charged a lance of the Benjamin Regulars. Though they successfully lamed a Combine Night Stalker, the rest of the lance destroyed them, earning Captain Tico a posthumous Diamond Sunburst.

Many armor officers familiar with the Musketeer overestimate the Sortek's offensive capability, as was proven on Frazer in 3144. When the Capellans invaded, Major Sneed of the Frazer militia ordered a platoon of Sorteks to attack a small column of Liao logistical troops escorted by two Regulator tanks. Despite the objections of the Sortek crews, they attacked. Unlike the Musketeer, with its larger Tornado autocannon, the Sortek's lighter rotaries couldn't hope to overcome the Regulators' armor, and the return fire from longer-ranged, harder-hitting Gauss rifles destroyed three of the four Sorteks before they could break off.

VARIANTS

AFFS quartermasters urged Corean to offer an electronic warfare model of the Sortek, which uses an armored motive system to help keep it mobile while holding tactical strongpoints.

NOTABLE UNITS

Corporal Edith Hacker: Corporal Hacker and her crew were the only Sortek crew to survive from Tico's Company on Palmyra, and it is only thanks to their escape that any record of the company's courage and sacrifice remains. Shot out of their Sortek in one of the earliest skirmishes, Hacker and her crew transferred to a Jifty ammunition carrier to help supply their comrades. Too slow to keep up during the last attack, they watched as their company was slaughtered and then withdrew hidden in the crew of a merchant DropShip that lifted offworld four months later. They are currently on Numenor, awaiting a replacement vehicle to assist in the defense of the realm.

Captain Archimedes Patel: Captain Patel commands an all-volunteer Sortek company known as White Forty. White Forty is built from survivors of Capellan March regiments broken in the Capellan assault and is about to be dropped on New Syrtis to help foment resistance groups. Many observers question the use of such an ammo hog as the Sortek on an extended mission, but Patel and his planners expect to be able to scrounge all the ammunition they need while they prepare for what all expect—but none can predict—to be the inevitable Davion counterattack.

Sergeant Flora Bannock: Sergeant Bannock is the only survivor of the debacle on Frazer, and is currently in custody on Firgrove pending an investigation. Though she followed orders and led her platoon out to die, on her return she attacked Major Sneed with a folding chair. From his hospital bed, suffering from a broken clavicle, three cracked ribs and a concussion, Sneed pressed charges, but most expect the JAG to brush the case under the rug and return Bannock to a tank soon.

18

SORTEK ASSAULT CRAFT

Type: Sortek

Technology Base: Inner Sphere Movement Type: Hover Tonnage: 45 Battle Value: 937

Equipment

Internal Structure:	
Engine:	170
Type:	Fusion
Cruise MP:	9
Flank MP:	14
Heat Sinks:	10
Control Equipment:	
Lift Equipment:	
Power Amplifier:	
Turret:	
Armor Factor (Heavy Ferro):	99
-	Armor
	Value
Front	30
R/L Side	24/24
Rear	21

Weapons and AmmoLocationTonnage2 Rotary AC/2Front16Ammo (RAC) 90Body2Anti-Missile SystemFront.5Ammo (AMS) 12Body1

Notes: Features the following Design Quirks: Rumble Seat.

Mass 4.5





ZIBLER FAST STRIKE TANK

Mass: 50 tons Movement Type: Hover Power Plant: Strand 165 Fusion Cruising Speed: 86 kph Maximum Speed: 129 kph Armor: Durallex Special Heavy Ferro-Fibrous with CASE

Armament:

18 tons of pod space available **Manufacturer:** StarCorps Industries **Primary Factories:** Crofton, Loburg, Terra **Communications System:** O/P 3200 COMSET 4 **Targeting and Tracking System:** O/P 2570

Few combat hovertanks exemplify the model of lean, aggressive combined-arms warfare as well as the Zibler Fast Strike Tank. Fast, adaptable and available across the Inner Sphere, it has proven itself one of the best combat vehicles StarCorps Industries has ever brought to market. Its combat honors, spread across every realm, place it in some of the most climactic battles of the thirty-second century.

CAPABILITIES

The Zibler keeps pace with almost any modern hovertank and offers enough armor and pod space for a varied and powerful weapons load. Its configurations are usually balanced for either close-in or ranged combat, though the D model is strictly a hammer.

DEPLOYMENT

In the nearly fifty years of its service Ziblers have appeared in almost every confrontation. They are a favorite of both the AFFS and the pre-Blackout RAF, though they are by no means underrepresented in other militaries. StarCorps' goal appears to be making the hovertank as ubiquitous as the venerable Vedette and Manticore tanks.

During the Capellan Crusades the Zibler made an early name for itself in the Republic Standing Guard, where it was prized as a cavalry unit. In 3112, during a raid on Acamar, a shadow lance from House Liao diverted toward a staging area. RAF Lieutenant Stephen Belleau and his two platoons of Ziblers were sent out from Firebase Howie, more than 100 kilometers away, to intercept the lance. Knowing he'd have to wear the Capellans down, he ordered his eight Ziblers into three groups, each configured for a different range of fighting.

The first engagement between the two forces was led by Belleau's Force Able—two Zibler As, firing armor-piercing round at range. Belleau's early hope—that the Capellans would break off when they were discovered—was dashed, and his gunners had trouble landing shots against the Capellans' stealth armor.

Force Baker, three Zibler Ds, joined the running battle. They sped in and out of range, trusting their speed to protect them while they slashed at the Capellans with their heavy PPCs at ranges where the stealth armor was ineffective. As the Capellan 'Mechs reeled from the heavy blows, Force Charlie attacked—Belleau himself with three Ziblers in their primary configuration. Already hit hard by the PPCs, and with their stealth armor overcome by the Ziblers' targeting computers, the Capellans tried to fight but couldn't hit the dashing hovertanks. The Liao lance withdrew after the lance commander's *Cataphract* was disabled.

NOTABLE UNITS

Major Stephen Belleau: Decorated and promoted for his victory over the Capellan lance on Acamar, Belleau was soon transferred to the Hastati Sentinels, where he rose to command a cavalry battalion of fast hovertanks, BattleMechs and battle armor. He soon became an outspoken critic of Devlin Stone's leadership, claiming disarmament had led to the battles his forces fought during the Crusades. When the Blackout hit, Major Belleau was killed leading a scratch defense force for one of the rare HPGs destroyed by ground attack.

20

ZIBLER FAST STRIKE TANK

Type: Zibler			Weapons and Ammo	Location	Tonnage
Technology Base: Inner Sphere			Configuration C		
Movement Type: Hover			Snub-Nose PPC	Turret	6
Tonnage: 50			2 MML 7	Turret	9
Battle Value: 1,205			Ammo (MML) 34/28	Body	2
			C ³ Slave Unit	Body	1
Equipment		Mass	Battle Value: 1,017		
Internal Structure:		5			
Engine:	165	10	Configuration D		
Type:	Fusion	10	Heavy PPC	Turret	10
Cruise MP:	8		5 Heat Sinks	Body	5
Flank MP:	12		Boosted C ³ Slave Unit	Body	3
Heat Sinks:	10	0	Battle Value: 1,021		
Control Equipment:	10	2.5			
Lift Equipment:		5	Notes: Features the following) Design Quirks: Fast Relo	oad.
Power Amplifier:		0			/
Turret:		2			
Armor Factor (Heavy Ferro):	138	2 7			Aux N.
Annoi Pactor (neavy reffo):	Armor	/			
	Value				A REAL PROPERTY AND A REAL PROPERTY.
Front					
Front R/L Side	30 30/30				David White
	20				White
Rear					
Turret	28				
Fixed Equipment	Location	Tonnage			
CASE	Body	.5			─ ─
Weapons and Ammo	Location	Tonnage		\square	
Primary Configuration	Location	Tonnage			11/1/1
4 Medium Lasers	Turret	4			
3 Streak SRM 4	Turret	4 9			
		9		$\cap I / // \square$	1 ml
Ammo (Streak) 25 2 Heat Sinks	Body	1	Þ		
	Body	2			() ()
Targeting Computer C ³ Slave Unit	Body	1		VIII D	10/4
C Sidve Unit	Body	I	11 h		
Configuration A			M.		My '
	Turret	16			
4 Light AC/2		2		1	
Ammo (Light AC) 90	Body	2			
Battle Value: 664			C.		
Configuration B	Turnet	11			
LB 10-X AC	Turret	11			
Ammo (LB-X) 20	Body	2	7		
2 ER Medium Lasers	Turret	2	5		\sim
4 Light Machine Guns	Turret	2			
	Turret	.5			An 11
Machine Gun Array		-			
Ammo (Light MG) 100	Body	.5			
		.5			



HANSE MBT

Mass: 75 tons Movement Type: Tracked Power Plant: GM 300 XL Fusion Cruising Speed: 43 kph Maximum Speed: 64 kph, 86 kph with Supercharger Armor: Kallon Unity Weave Ferro-Fibrous with CASE Armament: 1 Mydron Snakekiller Light Class 5 Autocannon 2 Jalastar Engineering Plasma Rifles 4 GM Light Machine Guns Manufacturer: General Motors Primary Factories: Kathil Communications System: Wunderland XXXV-2 Series Targeting and Tracking System: Dalban HiRez Intended to correct deficiencies in AFFS

armor platoons exposed during the Victoria War, the Hanse was hoped to become as powerful and popular a combatant in the Capellan March as the Manticore or the Brutus. Instead, what it became was an embarrassment to the AFFS and an export vehicle that inspired buyer's remorse in almost every user.

CAPABILITIES

With the victory at Victoria fresh in their minds, the Hanse's designers must have imagined an aggressive, offensive tank as their outcome, but what they delivered was a tank with the speed to get close to an enemy but no turret to exploit that closeness. Time and time again Hanse tank commanders have overestimated their tank's firepower and closed with an enemy, only to be swarmed by nearby battle armor or crushed by flanking units.

DEPLOYMENT

Despite its reputation, the Hanse can be used effectively in combat, as was proven on Cumberland during the Confederation's drive toward New Sytris. There, a militia battalion led by Leftenant Colonel Rebecca Lindemann used its Hanses to slow the advance of a Liao 'Mech battalion for nearly a week.

Thanks to GM's successes with Capellan March procurement, more than half of Lindemann's battalion was built of Hanse MBTs. When the Capellans began their advance, the major let her sparse VTOL forces slow the 'Mechs and sent her Hanses in to salvo their plasma rifles, hoping to knock the invaders off-balance. The initial ambush, along the M87 highway toward the capital, succeeded—three of the Liao 'Mechs were shut down and the Liao column halted while the Hanses spun in place and fled.

The next engagement went much the same, though this time Lindemann led with her Hanses firing precision autocannon ammunition from their light autocannons. Again the Liaos halted, expecting another wave of VTOL assaults that never appeared. When Lindemann repeated the tactic three days later, the Liaos expected that the VTOLs wouldn't be coming, so Lindemann sprung them on them, claiming another two Liao 'Mechs.

By this time the Liaos had reached an industrial district on the outskirts of the capital, and despite her objections Major Lindemann was ordered to attack again. After repeated engagements the Liaos were expecting the attack, and cut her Hanses to pieces in the tight confines of the buildings. Unable to escape, or to cover their withdrawal with fire as they retreated, the tanks succumbed to repeated flanking attacks and swarming battle armor.

Hanses have also been found in mercenary ranks, where they find more success. Professional mercenaries learn quickly to identify the strengths and weaknesses of their equipment, and few learn more quickly than Captain Ng Tranh's Hanoi Half-Dozen. All six Hanses in this defensive unit are scarred with damage, but Tranh has learned to use them as a last-ditch ambusher to break combat. When the rest of the Half-Dozen are pressed, these six Hanses use their superchargers to sprint forward, fire two barrages of plasma fire at the local enemy commander, and withdraw. Though attrition is high, the rest of the Half-Dozen revere the Hanses, as few enemies ponder pursuit with their commander either shut down or on fire.

NOTABLE UNITS

Sergeant Elias Calhoun: A Hanse commander in Leftenant Colonel Lindemann's battalion, Calhoun earned his reputation during the final battle on Cumberland. Surrounded by Capellan battle armor, he turned his plasma rifles on nearby buildings, setting them aflame. While the battle armor troopers dealt with this new obstacle, Calhoun and his platoon blew holes in the nearby factories with their autocannon and escaped through the buildings. His platoon was the only platoon to escape without losses, but any decorations he might have been awarded were erased when he returned to the militia command post and destroyed the regimental commander's office. Luckily for him, the CO wasn't present and no one was killed.

22

HANSE MBT

Type: Hanse

Technology Base: Inner Sphere Movement Type: Tracked Tonnage: 75 Battle Value: 1,537

Equipment		Mass
Internal Structure:		7.5
Engine:	300	14.5
Type:	XL Fusion	
Cruise MP:	4	
Flank MP:	6 (8)	
Heat Sinks:	20	10
Control Equipment:		4
Lift Equipment:		0
Power Amplifier:		0
Turret:		0
Sponson Turrets:		.5
Armor Factor (Ferro):	197	11
	Armor	
	Value	
Front	61	
R/L Side	48/48	
Rear	40	
Weapons and Ammo	Location	Tonnage
Light AC/5	Front	5
Ammo (Light AC) 40	Body	2
2 Plasma Rifles	Front	12
Ammo (Plasma) 40	Body	4
2 Light Machine Guns	Right Sponson	1
2 Light Machine Guns	Left Sponson	1
		_

Notes: Features the following Design Quirks: Bad Reputation.

Body

Body

Body

.5

.5

1.5

Ammo (Light MG) 100

CASE

Supercharger





SNIPER ARTILLERY



Mass: 80 tons Movement Type: Tracked Power Plant: GM 240 Fusion Cruising Speed: 32 kph Maximum Speed: 54 kph Armor: Durallex Standard with CASE Armament:

 Armstrong Industries Sniper Artillery Piece
Diverse Optics Extended Range Small Lasers
Sperry Browning Machine Guns
Manufacturer: Quikscell Company Primary Factories: Ares, Kalidasa, Layover, Richvale
Communications System: Kallon Secure Net Targeting and Tracking System: FireScan with IndirecTrack

The Sniper Artillery tank brings mobility and durability to the Sniper-class medium artillery weapon. First built for the AFFS' secondline battalions, Quikscell's early successes led it to spread the vehicle across the Inner Sphere and nearby Periphery. It is found most often in platoon or company-sized groups, but savvy officers use its adaptability to build powerful *ad hoc* units around it.

CAPABILITIES

Not intended as a frontline combatant, the Sniper nonetheless offers durable stability for its artillery and comfortable command and communications suites that allow it to double as an ersatz mobile headquarters. Close-in security is provided by lasers and machine guns, though few Snipers go into the field without escorts. In a rare instance of getting something right, Quikscell built a limited amphibious capability into the Sniper.

DEPLOYMENT

Artillery is a central part of AFFS—and RAF—doctrine, which has given a number of Sniper crews a chance to stand out as the Capellan Confederation and Draconis Combine invade. Few engagements equal the one given by the crew of the Sniper known as Harbinger.

Part of the AFFS contingent trapped on Palmyra, Harbinger and its crew, along with a small force of hovertanks and jump infantry, had been detached as an aggressor force for training exercises when the Combine assault launched. Cut off, they took to the countryside around Sawle, finally locating a disused railroad tunnel to hide Harbinger in. For the next two weeks, while the hovertanks buzzed around creating a distraction, the jump infantry acted as spotters and called in pinpoint artillery strikes on static DCMS positions. Though they did little actual damage, the number of DCMS troops involved in hunting them down far outweighed their own involvement. Eventually Harbinger ran out of ammunition and was destroyed by its crew, who went to ground with the jump infantrymen.

In the Free Worlds League, Snipers are popular purchases among the small defense forces of the unaligned worlds that still resist integration with the reborn League. On Yanchep, the locals purchased a full company of Snipers, with each of the three platoons broken up to serve as the command elements of a combined-arms company. Their company commanders ride the Snipers, using the communications equipment as headquarters, while the largely cavalry-oriented companies maneuver. This planning was put to good use when the pirate band known as the Hand of Charlie struck in 3143. Though the Charlies counted six BattleMechs in their force when they landed, Distaff Company of the Yanchep Defense Force managed to locate the pirates' landing zone. While the other two companies dealt with the pirates, the Distaffs bombarded the LZ, disabling the Charlies' DropShip. Their escape ruined, the pirates capitulated a short while later.

NOTABLE UNITS

Sao-wei Barrett Barnett: An officer in the nascent Home Guard battalion assembling on the former-Capellan March world Kaitangata, Barnett is an outspoken advocate of the Snipers his unit is operating. Captured from the Kaitangata militia during the world's fall, all six of the Snipers are under Barnett's command. During exercises, he has been using the tanks' communications equipment to keep better track of the rest of the Home Guard than the battalion CO is doing from his BattleMech. While such initiative might be rewarded in the RAF or AFFS, Barnett's lack of tact in voicing his opinions is likely to get him reprimanded, not promoted.

Major Felix Vaughn: Commander of the mercenary Vanir Legion in the Lyran Commonwealth, Vaughn commands his companies from the hold of a Sniper. Formerly an officer in the RAF, Vaughn felt betrayed by Fortress Republic and set out on his own, building his Legion while fighting the Jade Falcons on the worlds near Arc-Royal. Comprised of two companies of Snipers and a single reinforced company of Zibler hovertanks, Vaughn excels at luring unsuspecting Falcon Stars into time-on-target artillery barrages.

SNIPER ARTILLERY

Type: Sniper			Weapons and Ammo	Location	Tonnage	
Technology Base: Inner	Sphere (Advanced	4)	2 Machine Guns	Turret	1	
Movement Type: Tracket		<i></i>	Ammo (MG) 200	Body	1	
Tonnage: 80	u		Sniper Artillery	Front	20	
Battle Value: 895			Ammo (Sniper) 70	Body	7	
Dattle value. 895			2 ER Small Lasers	Front	1	
Equipment		Mass	Communications Equipm		4	
Internal Structure:		8	CASE	Body	.5	
	240	° 17.5	Trailer Hitch	Rear	.5 0	
Engine:		17.5				
Type:	Fusion		Limited Amphibious Equi	pment—	3.5	
Cruise MP:	3					
Flank MP:	5	_	Notes: Features the follow	wing Design Quir	rks: Difficult to	Time
Heat Sinks:	10	0	Maintain.		26 2	
Control Equipment:		4				all me
Lift Equipment:		0			Contraction of the second	
Power Amplifier:		0		ALL I		
Turret:		.5				
Armor Factor:	192	12	SI		Rain	
	Armor				2	
	Value	David				all a second second
Front	48	White			D	
R/L Side	40/40	Au	and here here			
Rear	24		MA		olo "	A A
Turret	40	as all		and a	00	
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PALADIN DEFENSE SYSTEM

Mass: 130 tons Movement Type: Tracked Power Plant: Nissan 260 XL Fusion Cruising Speed: 22 kph Maximum Speed: 32 kph Armor: Durallex Special Heavy Ferro-Fibrous with CASE

Armament:

2 Kallon Weapon Industries Vicar Long Tom Artillery Pieces 2 Diverse Optics Extended Range Medium Lasers 2 Mydron Miniguns **Manufacturer:** Kallon Weapon Industries **Primary Factories:** Kirklin, Victoria **Communications System:** JoLex Systems **Targeting and Tracking System:** Omicron XII

Kallon's Paladin Defense System was built from plans captured by the Federated Suns when they conquered Victoria just after the turn of the century. Originally a Capellan idea, it was denied to the Confederation until they reclaimed Victoria. Well aware of the cost they had paid fighting against the Paladin, the Strategios immediately started surging the heavy tank to its own forces.

CAPABILITIES

With built-in communications systems and a pair of Vicar Long Tom artillery pieces, Paladins are rarely out of communication with their spotters. Heavily armored and slow, they are not meant to be tactical vehicles, but the strains of combat have sometimes led to firefights. Paladins suffer from a relatively small magazine space, but most batteries mitigate that by hauling ammunition trailers.

DEPLOYMENT

The majority of the AFFS' Paladins fight with the Suns' planetary militias and dedicated artillery battalions; the tank is just too slow and cumbersome to deploy with the relatively fleet-footed frontline light combat teams. Frontline commanders never fail to utilize the Paladin whenever it is available, of course, but this has led to mishaps.

During the Draconis Reach campaign, the pro-Davion denizens of Harrow's Sun were reinforced by a company of Paladins, but the local commander had no understanding of how best to use them. Blinded by the thought of twenty-four Long Tom tubes at her command, she attached the company to an armor battalion and ordered it out, only to have the Paladins overrun and captured by the fast-moving Dragoon striker companies. Twelve Paladins, captured without having fired a shot, became a powerful bulwark around which the Dragon built a new planetary militia.

During the Capellan invasion of the Federated Suns Paladins saw heavy action on the worlds around Tikonov. On Alrescha, for instance, a pro-Davion militia held a firebase for three weeks against a determined push by a combinedarms battalion of Liao Chargers. Strong defenses at the walls kept the Capellans away, while dayand-night bombardments from the Paladins'Long Toms kept them from halting and establishing good bivuouacs. By the time the battalion withdrew, the Paladins had each emptied twelve ammunition trailers apiece, and the ground in the firebase was covered with the ash-like residue of cannon propellant.

Paladins have also been put to good use by the Republic Remnant on Galatea. Fighting against the Jade Falcons, Redleg Company discarded both ammunition trailers and doctrine and fought a mobile, if slow, campaign, using screening units and handy support from RAF BattleMechs to fire and move. Though few of the Jade Falcons succumbed to artillery fire, the psychological effects of having shells raining out of the sky from all directions couldn't be discounted. Four of the Paladins were isolated and destroyed, but their crews were recognized by Damien Redburn himself as having provided sterling and necessary service.

NOTABLE UNITS

Janus: Janus is the name of a Paladin now serving with the Capellan occupiers of New Syrtis. Captured from a militia company during the regiment's charge toward the Capellan March throneworld, it was pressed into service. Its crew named it Janus, after the ancient Roman two-faced god, in recognition of its markings: on one side of the turret it displays the sword-and-gauntlet of the Confederation, but on the other it still shows the sunburst of the Federated Suns. Its crew has promised to keep the Suns insignia there until Janus has forty confirmed Davion kills.

Master Sergeant Baxter Chang-sha: Chang-sha is the gunner of the lead Paladin in the mercenary Whiteout Brigade, a small unit in the employ of the Federated Suns. He is famous in the unit for never having missed his target by more than ten meters with his first shot. Where other units require a spotting round, Chang-sha's spotting rounds are always correct. His commanders have begun having the other three Paladins in the Whiteout Brigade mimic his firing solutions, but so far his talent has been unrepeatable.

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PALADIN DEFENSE SYSTEM

Type: Paladin Defense System

Technology Base: Inner Sphere (Advanced) Movement Type: Tracked Mass: 130 tons Battle Value: 1,624

Equipment Internal Structure:		Mass 26
Engine:	260	10.5
Type:	XL Fusion	
Cruise MP:	2	
Flank MP:	3	
Heat Sinks:	10	0
Control Equipment:		6.5
Lift Equipment:		0
Power Amplifier:	0	
Turret:		6
Armor Factor (Heavy Fe	erro): 228	11.5
	Armor	
	Value	
Front	56	
Front R/L Side	27/27	
Rear R/L Side	27/27	
Rear	26	
Turret	38	

Weapons and Ammo	Location	Mass
2 Long Tom Artillery	Turret	60
Ammo (Long Tom) 30	Body	6
2 ER Medium Lasers	Front	2
Communications Equipme	ent Body	1
CASE	Body	.5
Trailer Hitch	Rear	0





DESTRIER SIEGE VEHICLE

Mass: 200 tons

Movement Type: Tracked Power Plant: GM SuperLoad 400 XL Fusion Cruising Speed: 22 kph Maximum Speed: 32 kph Armor: Johnston Bastion Plate 530 Hardened with CASE

Armament:

2 Mydron Model L Long Tom Artillery Cannons 2 Bright Blossom Extended Range Medium Lasers 6 GM Light Machine Guns 4 MainFire Point Defense Anti-Missile Systems Manufacturer: General Motors Primary Factories: Salem Communications System: Achernar Electronics HICS-17 with C³ Slave and Guardian ECM Suite Targeting and Tracking System: Federated Bombard Mk. II

Despite the formation of its light combat teams and its public declarations of defensive doctrine, the adoption of the Destrier Siege Vehicle at the turn of the thirty-second century proved that the AFFS hadn't completely rejected offensive warfare. That it would shortly be embroiled in the Victoria War—where it was the aggressor—demonstrated to the Inner Sphere that the Federated Suns had not forgotten all of Hanse Davion's lessons.

CAPABILITIES

Twice the mass of a conventional assault tank, wrapped in almost forty tons of hardened armor and armed with a pair of turreted Long Tom assault cannons, the Destrier excels at reducing enemy fortifications to dust within minutes of its arrival. Heavy defensive weaponry and thick armor just barely compensate for its slow speed, however.

DEPLOYMENT

Given the relative scarcity of AFFS invasions, the most notable engagement to feature the Destrier came on Spica in 3104. The Eighth Avalon Hussars light combat team, the world's garrison, was attacked by the Third McCarron's Armored Cavalry. Unable to stand against the Third directly, the Eighth planned an ambush with the company of Destriers assigned to it. Using her 'Mechs as bait and her hovertanks as harassers, General Stasi Ivanova led the Capellan vanguard into a valley and destroyed it with concentrated Long Tom fire. As missile artillery began to fall from the Destriers' attached Ballista trailers, the Hussars 'Mechs counterattacked and drove the Capellans into retreat.

Several times during the Kuritan invasion Destriers and their crews have been sacrificed—voluntarily or not—as forlorn hopes to let battered Davion units escape. Too slow to retreat and too large to be easily evacuated, the Destriers make fine last-line holders. On Barlow's End, for instance, a platoon of Destriers set itself outside the gates of the Princess Melissa spaceport. As the DCMS advanced, the Second New Ivaarsen Chasseurs withdrew to their DropShips. A small group of lotterychosen VTOLs and hovertanks remained to designate targets for the Ballistas' Arrow IV missiles, while the Destriers hid themselves among the spaceport buildings. As the lead 'Mechs of Ryuken-*roku* advanced, the Destriers fired from cover, causing enough confusion that the DropShips could escape. None of the Destrier crews survived to be captured.

NOTABLE UNITS

Sergeant Major Alison Vanbrugh: Sergeant Major Vanbrugh commanded the forlorn hope Destriers on Barlow's End. A forty-year veteran of the Chasseurs, she had expected to retire from the service as a Destrier commander, but the Combine invasion changed her plans. Faced with watching the men and women she'd served with—in many cases, trained—swarmed as they loaded the waiting DropShips, she led her platoon into the spaceport and ordered them to "fire until I come around and personally lift your fingers off the triggers." Killed when a Combine Hitotsume-Kozo attacked her Destrier with its hatchet, Vanbrugh was on the top of a list of posthumous commendations submitted to the AFFS High Command as soon as the Second reached Sun Prairie.

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DESTRIER SIEGE VEHICLE

Type: Destrier Siege Vehicle

Technology Base: Inner Sphere (Advanced) Movement Type: Tracked Mass: 200 tons Battle Value: 2,859

Equipment

Internal Structure:	
Engine:	400
Type:	XL Fusion
Cruise MP:	2
Flank MP:	3
Heat Sinks:	10
Control Equipment:	
Lift Equipment:	
Power Amplifier:	
Turret:	
Sponson Turrets:	
Armor Factor (Hardened):	296
	Armor
	Value
Front	60
Front R/L Side	45/45
Rear R/L Side	35/35
Rear	35
Turret	41

Weapons and AmmoLocal2 Long Tom CannonsTurAmmo (Long Tom) 40Bo2 ER Medium LasersTurAnti-Missile SystemTurAmmo (AMS) 48BoAnti-Missile SystemRight Sp2 Light Machine GunsRight Sp2 Light Machine GunsLeft Sp2 Light Machine GunsLeft Sp2 Light Machine GunsLeft Sp

Mass

40

40

0

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0	Location	
;	Turret	
)	Body	
	Turret	
	Turret	
	Body	
	Right Sponson	
s	Right Sponson	
	Left Sponson	
S	Left Sponson	

Weapons and Ammo	Location	Mass
Ammo (Light MG) 200	Body	1
Infantry Compartment	Body	4
Guardian ECM Suite	Body	1.5
C ³ Slave Unit	Body	1
Communications Equipment	Body	1
CASE	Body	.5
Anti-Missile System	Rear	.5
2 Light Machine Guns	Rear	1
Trailer Hitch	Rear	0

Notes: Features the following Design Quirks: Improved Targeting-Long, Oversized, Poor Performance, Non-Standard Parts.



Mass

40

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PY-SR10 PREY SEEKER

Mass: 15 tons Chassis: A1 Type 22 Ultralight Endo Steel Power Plant: Magna 180 XXL Cruising Speed: 129 kph Maximum Speed: 194 kph Jump Jets: None

Jump Capacity: None Armor: StarGuard CIV Armament:

2 ChisComp 73 Medium Re-Engineered Lasers Manufacturer: Achernar BattleMechs Primary Factory: Cahokia Communications System: PCE-4X "Blaster" Targeting & Tracking System: Federated Hunter Mk.VII

Achernar BattleMechs' *Prey Seeker* grew out of a number of influences. Its off-putting arm construction harkens back to the Clan *Dasher*'s distinctive profile, as does its phenomenal speed, but its role—old-fashioned BattleMech scouting—speaks to a quiet dissatisfaction amongst the AFFS' MechWarriors who feel increasingly marginalized by the rise of combined-arms warfare.

CAPABILITIES

The *Prey Seeker* is a speedy ultralight BattleMech built to be a scout and a raider. It's faster than a *Dasher* or even a *Fireball*, and while its two re-engineered lasers aren't especially powerful, they do offer advantages against reflective-armored opponents. Critics, however, are quick to point out the astronomical cost of its extralight components—a criticism that is gaining more traction as more and more worlds are gobbled up by the Dragon and the Confederation.

DEPLOYMENT

Prey Seekers were rushed into combat deployments soon after Fortress Republic. Without adequate time for testing and doctrine establishments, many MechWarriors had to find and define what successful—and failing—tactics would be.

One of the first deployments was to the Tikonov garrison. An evaluation company of twelve *Prey Seekers* was assigned to Tukwila district, just before a Capellan raid. The garrison commander, unsure of what the *Prey Seekers* could do, broke them into three recon lances and used them to supplement his VTOL and hovertank scouts. Fortunately for the *Prey Seeker* MechWarriors, the main force of the raiding party went in the other direction; had they been decisively engaged, it's likely the troops' inexperience would have led them to fighting the ultralight 'Mechs like regular light 'Mechs—an engagement they would have almost certainly lost.

During Duke Sandoval's doomed Operation PELAYO in 3141, a number of *Prey Seekers* were smuggled onto the targeted worlds he intended to strike. These 'Mechs, operating solo or in pairs, made surprisingly excellent scouts. With the speed to evade everything except the fastest hover or VTOL pursuers, and lacking any easily-detected electronics like active probes or ECM suites, the *Prey Seekers* avoided detection. When the PELAYO forces landed, the *Prey Seekers* rendezvoused and provided timely intelligence updates.

One role the *Prey Seekers* have proven to excel at is the long raid. Despite their uncomfortable cockpits, many AFFS commanders have sent small bands of *Prey Seekers* on long paths around enemy concentrations, as was done on

Fairfax. Faced with an overwhelming DCMS force, the militia commander sent Subaltern Jeremy Dodds and his lance 200 kilometers around the Kuritans. Arriving in their soft rear areas, the trio of *Prey Seekers* tore into the Kuritans' supply lines, destroying bridges and civilian vehicles and terrorizing infantry security patrols. The DCMS commander had to pull a full company of 'Mechs off of the assault to track them down, which delayed the conquest of the world by at least three weeks.

NOTABLE UNITS

Leftenant Jeremy Dodds: Though shot out of his *Prey Seeker* on Fairfax, Dodds escaped the world and was promoted. Now assigned to the Davion Light Guards, Dodds is in charge of the first lance of *Prey Seekers* assigned to the regiment. He is finding the experience surreal, as he—the freshest, greenest leftenant in the regiment—is routinely being asked to comment on high-speed 'Mech tactics by the recognized masters of that role in the AFFS.

Sergeant Jeanne D'Albert: Sergeant D'Albert is on the edge of reprimand because of her *Prey Seekers*. The designated scout pilot for the 'Mech company of the Tarkio planetary militia, she is currently piloting her third *Prey Seeker*. A former *Fireball* pilot in the Twentieth Avalon Hussars, her commanders believed she'd be an excellent choice to pilot the militia's *Prey Seeker*. D'Albert's problems arise because she refuses to fight her ultralight 'Mech like an ultralight; instead, she fights it like a *Fireball* with its marginally heavier armor. Facing regular Kuritan recon raids, she is continually forced to eject when her 'Mech is disabled.

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LIGHT 'MECHS

PY-SR10 PREY SEEKER

Гуре: Prey Seeker Гechnology Base: Inner S Гonnage: 15	phere (Advance	ed)	Weapons and Ammo L Medium Re-engineered Laser	ocation RT	Critical 2	Tonnage 2.5	
Battle Value: 549			Medium Re-engineered Laser	LT	2	2.5	
Equipment		Mass	Lasei				
nternal Structure:	Endo Steel	1	Notes: Features the follo	wing De	sign Quirk	s: Overhead	
Engine:	180 XXL	2.5	Arms, Exposed Actu	ators.			A A A A A A A A A A A A A A A A A A A
Walking MP:	12						
Running MP:	18			h li			
Jumping MP:	0			11 -			
Heat Sinks:	10 [20]	0					
Gyro (XL):		1				Comros	
Cockpit (Small):		2			10	A 13 31	
Armor Factor:	55	3.5		A	30	a se	
	Internal	Armor		F	11>		
	Structure	Value	and the second		OF		
Head	3	9	an the for the	1 H			
Center Torso	5	9	The second second		le min		
Center Torso (rear)		1	The marked with				
R/L Torso	4	7		Contraction of the			off of the
R/L Torso (rear)	_	1				The	
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CH11-NG GUNSMITH

Mass: 25 tons

Chassis: Jalastar Mk.V-CH7 Endo Steel Power Plant: PlasmaStar 250 XXL Cruising Speed: 108 kph Maximum Speed: 162 kph, 216 kph with MASC Jump Jets: None Jump Capacity: None Armor: StarGuard Reflec Armament: 4 Martell-X Medium X-Pulse Lasers Manufacturer: Jalastar Aerospace

Primary Factory: Panpour Communications System: Telestar Model R4-11Y

Targeting & Tracking System: Jalastar TargiTrack 753

The *Gunsmith* began deployment with the AFFS just prior to the Blackout, and in the war-ridden wake of that event no procurement officer was willing to even look again at the contract. To the 'Mech's credit, however, it has performed sterling service, though there are quiet rumblings about its high cost.

CAPABILITIES

The *Gunsmith* is an excellent raider and pursuit 'Mech. Fast, well-armored for its weight and heavily armed, its only real weakness is a slight heat burden that can sometimes force unskilled MechWarriors to overuse the *Gunsmith*'s MASC system.

DEPLOYMENT

Gunsmiths have earned a fearsome reputation during the invasions. Assigned to alreadyaggressive MechWarriors, the sense of outrage most Davion pilots are feeling only heightens their combat ferocity, as illustrated by the Davion Light Guards on Brookeland.

After losing most of a strike lance to an ambush by Shillelagh tanks, the Light Guards' decided to strike back. Already on their back foot on Brookeland, the Guards sent Leftenant Vasily Arbotov's lance of *Gunsmiths* on an extended raiding mission. Arbotov, who'd been orphaned by an earlier Combine strike on Dobson, needed little inspiration to take his lance out against long odds.

For the next two weeks Arbotov's lance struck behind the Eleventh Ghost's lines, hitting isolated outposts and supply convoys. When there was time his lance called in air strikes from the Light Guards' aerospace contingent. Within ten days almost a full battalion of Ghosts were dedicated to hunting his lance down, but the *Gunsmiths* were adept at luring away the Ghosts' fastest pursuit units and ambushing them. By the time the three remaining *Gunsmiths* returned to the Light Guards' lines, they had destroyed seven Ghost BattleMechs, six tanks, nineteen battlesuits and uncounted tons of munitions, supplies and logistical transport.

In the early days of the combat on Robinson, *Gunsmiths* were instrumental in saving the life of Davion Captain Dairmad Chaines when his company was overrun by a company of the Seventh Sword of Light. The Twentieth Avalon Hussars company was shattered by close-combat with Sworder *Rokurokubis*, but the reaction lance—four *Gunsmiths*—was able to get there in time to keep the Combine from capturing the young officer. The *Gunsmiths* concentrated their fire on each *Rokurokubi* in turn, destroying one and driving the rest off as the slower Hussars responded to the weakened line.

NOTABLE UNITS

Sergeant Violet Simmons: Sergeant Simmons is one of the special operations company known as the Foxhunt. Foxhunt MechWarriors are specially-trained in long-range 'Mech tactics, and deployed on enemy worlds to strike targets too small for a full raid but too large for infiltrators. After the fall of Taygeta, Simmons was inserted on that world to destroy a Maskirovka interrogation team. This team, known to travel in a specially-marked black wheeled APC, had been breaking AFFS resistance cells for months. Sergeant Simmons, disregarding the pair of hovertanks escorting the APC, kicked the vehicle to pieces then turned her lasers on the remains. Once that task was done, she destroyed the escorts and announced her victory to the people of Taygeta, formenting at least a dozen independent resistance groups.

Subaltern Nicholas Crusado: Assigned as a replacement to the Davion Light Guards, Crusado was given his *Gunsmith* and assigned to Leftenant Arbotov's lance. As the only other officer in the lance, he has been on the receiving end of a lot of flak; Arbotov's MechWarriors don't know whether or not Crusado has been assigned to replace Arbotov because the skilled leftenant is about to be promoted, or whether or not he's a spy from regiment to rein the ambitious officer in. For himself, Crusado is simply trying to learn all he can from Arbotov. If he's part of any kind of plan, he has not been made aware of it.

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LIGHT 'MECHS

CH11-NG GUNSMITH

Type: **Gunsmith** Technology Base: Inner Sphere (Advanced) Tonnage: 25 Battle Value: 1,465

Equipment			Mass
Internal Structure:	Endo Steel		1.5
Engine:	250 XXL		4.5
Walking MP:	10		
Running MP:	15 (20)		
Jumping MP:	0		
Heat Sinks:	10 [20]		0
Gyro (XL):			1.5
Cockpit:			3
Armor Factor (Reflective):	88		5.5
	Internal	Armor	
	Structure	Value	
Head	3	9	
Center Torso	8	12	
Center Torso (rear)		3	
R/L Torso	6	10	
R/L Torso (rear)		2	
R/L Arm	4	8	
R/L Leg	6	12	

Weapons and Ammo Lo	ocation	Critical	Tonnage
2 Medium X-Pulse Lasers	RA	2	4
MASC	LT	1	1
2 Medium X-Pulse Lasers	LA	2	4

Notes: Features Full Head Ejection System.





BZK-D1 HOLLANDER III

Mass: 35 tons Chassis: GM BZK-III Endo Steel Power Plant: GM 175 XL Cruising Speed: 54 kph Maximum Speed: 86 kph, 108 kph with Supercharger Jump Jets: None Jump Capacity: None Armor: StarGuard Reflec with CASE II Armament: 1 GM Nova-10 Ultra Class 10 Autocannon Manufacturer: General Motors Primary Factory: Kathil Communications System: Dalban Micronics

Targeting & Tracking System: Sync-Tracker (55-42017)

The original *Hollander* offered light 'Mech pilots firepower far outside their weight class, and the 'Mech was enthusiastically adopted across the Inner Sphere. It spawned a heavier upgrade, but in 3114 General Motors presented a new 'Mech in the light weight class to the AFFS, who were quick to snap it up. It has since spread to the Lyran Commonwealth and been a popular choice in the mercenary market.

CAPABILITIES

The Hollander III returns to the successful first model, with a single powerful main gun. It exceeds the limitations of its progenitor, however, by adding a supercharger to allow it quick entrances and exits from combat.

DEPLOYMENT

Hollander IIIs are common in the Capellan March, especially, and have been seen often in the Periphery Guard regiments of the Periphery March, where their firepower makes them frequent ambushers for pirates coming in from the Periphery. In 3138 an unidentified pirate band struck at Bastille. Luckily for the planet's citizens, a company of the Sixth Periphery Guards was onworld for arctic combat training, including three *Hollander IIIs*. Turning south, the combinedarms company stopped only long enough to exchange its training ammunition for war shots and then sped to intercept the pirates. They were too late to stop the band from pillaging Garfield, a small town on the coast of the Marseilles Sea, but they managed to get in the pirates' path back to their DropShip.

Letting their four Ziblers lead the way, the company attacked, trying to slow down the pirates and separate them from their stolen cargo vehicles, which were heavily-laden with captured booty and captives destined for Periphery slavery. The pirate 'Mechs took the bait, following the Ziblers back into a series of hillocks where the three *Hollander IIIs* waited in ambush. Their first barrage took out the lead *Brigand*, while their supercharged speed let them pursue the remaining *Centurion* and *Blackjack* back toward the convoy. While the 'Mechs were fighting, the Periphery Guards' APCs had dropped a platoon of Cavalier battlesuits, which made short work of the pirate infantry.

Hollander IIIs also played a high-profile role in the defeat of Holly's Hollanders on Abruzzi in early 3145. Contracted to supplement the conventional planetary militia, the Hollanders were caught when a task force from the Capellan Hussars struck the world in a recon raid. The even dozen Hollander IIIs of the mercenary unit were tasked with acting as the militia's anvil; the colonel in charge hoped his tanks would be enough to force the Liaos into retreating. Unfortunately for the Hollanders, he succeeded—only to discover that a dozen thirty-five ton 'Mechs, even firing from cover, cannot be an anvil for more than two dozen medium and heavy Capellan 'Mechs. The Hollanders were eradicated in a little less than two minutes of combat.

VARIANTS

Interest from the LCAF drove GM to offer the D2 *Hollander*, which changes out the autocannon for a Gauss rifle. Once export shipments began, GM expanded to the mercenary market with the D3, which uses a larger engine and energy weapons to turn the *Hollander III* into a credible harasser.

NOTABLE UNITS

Captain Francine Powell: Captain Powell commanded the Periphery Guard company on Bastille. It was her hard-charging attitude that let her company catch the pirates in time. She pushed her 'Mechs hard, abusing their superchargers to make a faster passage. During the combat, it was her 'Mech that disabled the first pirate *Brigand*, but she was chastised by her battalion commander for not securing any prisoners for interrogation. None of the pirates allowed themselves to be taken alive, which makes them far more fanatical than most Periphery privateers.

Lieutenant Harrison Holly: Harry Holly was the only MechWarrior to survive the destruction of his mother's mercenary unit on Abruzzi. The Hussars, disdainful of the small force that had tried to stop them, didn't even bother taking him prisoner. After the battle Holly tried and lost an appeal against charges that the Hollanders were destroyed by the militia's incompetence, but the review board ruled that the incompetence was his mother's for accepting the contract and the terms. He is currently on his way to Fletcher, hoping to sign on with an anti-Davion mercenary company.

LIGHT 'MECHS

BZK-D1 HOLLANDER III

Type: Hollander III

Technology Base: Inner Sphere Tonnage: 35 Battle Value: 1,116

Equipment

Internal Structure:	Endo Steel		2
Engine:	175 XL		3.5
Walking MP:	5		
Running MP:	8 (10)		
Jumping MP:	0		
Heat Sinks:	10 [20]		0
Gyro (Compact):			3
Cockpit:			3
Armor Factor (Reflective):	96		6
	Internal	Armor	
	Structure	Value	
Head	3	9	
Center Torso	11	15	
Center Torso (rear)		4	
R/L Torso	8	12	
R/L Torso (rear)		3	
R/L Arm	6	7	
R/L Leg	8	12	

Mass

Weapons and Ammo	Location	Critical	Tonnage
Ultra AC/10	RT	7	13
Supercharger	RT	1	.5
Ammo (Ultra) 30	CT	3	3
CASE II	CT	1	1





UCU-F4 SCARECROW

••••

Mass: 40 tons

Chassis: Corean Model 000 Endo-Composite Power Plant: GM 200 XL Cruising Speed: 54 kph Maximum Speed: 86 kph Jump Jets: Rawlings 80

Jump Capacity: 90 meters Armor: StarGuard III with CASE II Armament:

3 ExoStar Pinnacle (Clantech) **Extended Range Medium Lasers** 2 Omicron 950 Medium Pulse Laser 8 GM Ultralight (Clantech) Light Machine Guns 2 Corean Bulletstorm (Clantech) Machine Gun Arrays 2 Zippo Longtorch Extended **Range Flamers** 2 Federated Mantrap Anti-Battle Armor Pods Manufacturer: Corean Enterprises Primary Factory: Augusta **Communications System:** Achernar **Electronics HID-13 Tight Channel** Targeting & Tracking System: Federated Stalker with Bloodhound Active Probe

The Federated Suns, as a nation, has often been labeled warlike. Its armies have, for centuries, been the meter-stick with which professionalism among soldiers has been measured, and its news media had never had much trouble painting the AFFS as the honorable soldier fighting against the oppression of the Liaos or the warmongering of the Kuritas. What most disregard, however, is that the basic tenet of warfare is killing the enemy—and even the socalled white-hats need dark alley weapons.

The *Scarecrow*, a rare 'Mech officially disavowed until the 3140s, is such a weapon. Specially designed and built, its sole purpose is the eradication of enemy infantrymen.

CAPABILITIES

Specially constructed of advanced components and Clan weaponry, the *Scarecrow* is aptly designed. Lasers and B-pods allow it attack battle armored infantry, while two arrays of light machine guns make it suicide for unarmored infantry to expose itself. Though it is slow, it is faster than almost any infantry combatant, and its armor is enough to protect it from return fire, assuming enemies can even detect it through its Chameleon light polarization shield.

DEPLOYMENT

The most notable, if not entirely confirmed, action of the *Scarecrow* took place on McComb, off and on, over a fifteen-year period. DCMS infantrymen deployed to raid the world across that time propagate the legend of the Dragon of Gorman Heights, a spectral beast of fire and steel that appears and kills entire platoons of foot soldiers. Though it has never been verified, most analysts believe this legend has been reinforced by repeated *Scarecrow* deployments designed to attack the DCMS infantry on a psychological scale.

Since the official deployment of the 'Mech in 3140 a number of humanitarian agencies have attacked the AFFS for deploying such a machine, but in the main the response has been to ignore such complaints. The only confirmed *Scarecrow* pilot, Captain Edgar Grantham, went on record on Almach in 3141 to answer his detractors with an eloquent speech. In it, he cited the venerable *Piranha* 'Mech, or even ancient city-fighters like the *Stinger* or *Locust*. "What difference does it make," he asked one reporter, "if a battalion of Louie infantry is killed by 200 Syrtis infantrymen or one 'Mech? Does it make it all right if the enemy is killed one at a time? Should we subject more of our sons and daughters to the murder of combat, or design weapons that lessen the cost of war on our own citizens?"

Few *Scarecrows* are known to exist, and none have been seen outside the AFFS. Reports place them more thickly along the Periphery March border, as though the AFFS intends to use them to dissuade pirate attacks, but given the pressure of the Capellan and Combine invasions, it is likely only a matter of time before they are publicly tested in combat.

VARIANTS

The so-called *Hobbled Scarecrow* peels the Chameleon system out of the 'Mech and replaces the machine guns with lasers. Though this might appear to offer added anti-'Mech capabilities, the thin armor and slow speed of the *Scarecrow* makes it easy prey for all but the lightest 'Mechs.

NOTABLE UNITS

Major Edgar Grantham: The only MechWarrior to publicly admit to piloting a *Scarecrow*, Major Grantham narrowly escaped being captured during the fall of Almach. He fought with the rest of his company against the invading Liaos, and all reports claim he was responsible for keeping Liao infantry away from nearly a kilometer-long stretch of the lines until he was forced back by a pair of *Vindicators*. He has repeatedly allowed himself to be examined by independent experts, who unfailingly report he is perfectly sane. The Interstellar Red Cross continues to campaign to have him labeled a war criminal, but the AFFS doesn't recognize their claims.

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MEDIUM 'MECHS

UCU-F4 SCARECROW

Type: Scarecrow

ER Flamer

B-Pod

B-Pod

Bloodhound Active Probe LT

4 Light Machine Guns (C) LA

Light Machine Gun Array (C) LA

ER Medium Laser (C)

Medium Pulse Laser

Technology Base: Mixed Inner Sphere (Experimental) Tonnage: 40 Battle Value: 1,514

Equipment				Mass
Internal Structure:	Endo-Co	mposit	te	3
Engine:	200	XL		4.5
Walking MP:	5			
Running MP:	8			
Jumping MP:	3			
Heat Sinks:	10 [20]		0
Gyro (Compact):				3
Cockpit:				3
Armor Factor:	12	8		8
	Inter	rnal	Armor	
	Struc		Value	
Head	3		9	
Center Torso	1.	2	18	
Center Torso (rear)			5	
R/L Torso	10	C	14	
R/L Torso (rear)			5	
R/L Arm	6		11	
R/L Leg	10	D	18	
Weapons and Ammo	Location	Criti	cal To	onnage
ER Medium Laser (C)	RA	1		1
Medium Pulse Laser	RA	1		2
4 Light Machine Guns (C) RA	4		1
Light Machine Gun Array	(C)RA	1		.25
Ammo (Light MG) 100	RT	1		.5
CASE II	RT	1		1
ER Flamer	Н	1		1
ER Medium Laser (C)	CT	1		1

CT

LA

LA

RL

LL

1

3

1

1

4

1

1

1

1

2

1

2

1

.25

1

1

Weapons and Ammo	Location	Critical	Tonnage
Chameleon LPS	*	6	0
Jump Jet	RT	1	.5
Jump Jet	CT	1	.5
Jump Jet	LT	1	.5

Notes: *Chameleon Light Polarization Shield occupies 1 critical slot in the RA, RT, RL, LL, LT and LA locations. Features the following Design Quirks: Bad Reputation, Difficult to Maintain, No/Minimal Arms.





LK-3D ANTLION

Mass: 45 tons Chassis: StarFrame Medium Reinforced Power Plant: GM SuperFusion 225 XL Cruising Speed: 54 kph Maximum Speed: 86 kph Jump Jets: None

Jump Capacity: None Armor: Valiant Ringmail Light Ferro-Fibrous with CASE II

Armament:

2 Type 4 'Mech Mortar 2 Sperry Browning Light Machine Guns Manufacturer: StarCorps Industries Primary Factory: Crofton Communications System: O/P 3950 COMSET

M7

Targeting & Tracking System: Martin-Quarry Tarsys XLR 2.7 with Bloodhound Active

StarCorps' Antlion is a unique 'Mech in the AFFS—one purpose-built for tactical indirect fire. The rise over the last sixty years of anti-missile equipment—especially the proliferation of the laser anti-missile system—has reduced the efficiency of the LRM as a bombardment tool. Though no other military and only a handful of mercenary units have put this quad into service, it remains in production.

CAPABILITIES

Slow and light, the *Antlion* is completely outclassed by even the smallest 'Mech in direct combat. Though its armor is adequate for its mass, its only real defense is a MechWarrior's eye on its active probe. Practically nothing can sneak with 240 meters of an *Antlion*, but with only a pair of light machine guns, it can do little more than inconvenience even an unarmored infantry platoon.

DEPLOYMENT

Despite their weaknesses Antlions excel in a narrow range of missions. With sufficient terrain features—such as buildings—to put between their mortars and the enemy, they can lob powerful shells for as long as their ammunition holds out.

During the brutal city-fighting in Bueller, the Antlions of the Robinson DMM earned their battle honors. A reinforced lance of six mortar 'Mechs worked with a spotting platoon of DMM battlesuits to ambush Combine recon elements as they penetrated the city. The battle armor would designate targets and call for fire, the Antlions would fire a barrage, and the group would retreat deeper into the city, buying time for the defenders to prepare.

During one fire mission a Combine Venom raced out of the ambush zone and, using its jump jets, came down among the Antlions. Ignoring the near-useless machine gun fire, it turned its pulse lasers on the nearest mortar 'Mech. As the battlesuits raced to come to the Antlions' aid, the lance commander took matters into his own hands. Charging, he used his quad 'Mech's powerful legs to lame the Venom, then literally kicked and stomped it to pieces when it fell.

Antlions also gave journeyman service during the invasion of New Syrtis. There, the Hasek defenders used them as mobile infantry interdiction platforms, moving them into position via drainage ditches and recessed maglev draws to bombard infantry columns. Their Bloodhounds let them stay ahead of the inevitable counterattacks, and they took the opportunity to sow the city with remote sensors that took the Capellans weeks to clean up and deactivate. The Combine invasion has illustrated the folly of allowing *Antlions* to stand in the line of battle; more than forty have been destroyed when their lances were overrun by swift Combine striker lances, unable to defend themselves from enemies who could move under their mortar umbrella. Many AFFS officers have urged StarCorps to develop a direct-fire escort version of the 'Mech, but the company believes its other 'Mechs fulfill that role adequately.

NOTABLE UNITS

Leftenant Carlton Goldman: Commander of the reinforced lance in Bueller, Goldman's *Antlion* was among the last of the DMM's 'Mechs to fall in that brutal battle. He and his lance managed to stay ahead of the Combine invaders for nearly a week, until a pair of *Rokurokubis* from the Sword of Light set out to destroy them. Although they managed to wound both Sworder 'Mechs, not even quad 'Mechs kick enough to keep sword-armed 'Mechs from disabling them at close range.

Sergeant Alison Verrochio: Verrochio is the only AFFS *Antlion* pilot credited with an assault 'Mech kill. During a raid on Dahar IV, the rest of her company barely kept a Combine *Naginata* from breaking their lines. As the 'Mech withdrew, Verrochio moved her *Antlion* forward and began firing. One of her shells hit the already-damaged cockpit armor, killing the Combine MechWarrior. Though she only fired at the end, she earned credit for the kill.

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MEDIUM 'MECHS

LK-3D ANTLION



Type: Antlion

Technology Base: Mixed Inner Sphere Tonnage: 45 Battle Value: 878

Mass

9

5

0 1.5 2 9.5

> Devid White

Equipment

Internal Structure:	Reinforced	
Engine:	225 XL	
Walking MP:	5	
Running MP:	8	
Jumping MP:	0	
Heat Sinks:	10 [20]	
Gyro (XL):		
Cockpit (Small):		
Armor Factor (Light Ferro):	161	
	Internal	Armor
	Structure	Value
Head	3	9
Center Torso	14	22
Center Torso (rear)		6
R/L Torso	11	17
R/L Torso (rear)		5
R/L Front Leg	11	20
R/L Rear Leg	11	20





CN11-O CENTURION

Mass: 50 tons Chassis: Corean Model OM77 Endo Steel Power Plant: Magna 250 XL Cruising Speed: 54 kph Maximum Speed: 86 kph Jump Jets: None

Jump Capacity: None Armor: StarGuard III Armament:

24 tons of pod space available **Manufacturer:** Corean Enterprises **Primary Factory:** New Avalon **Communications System:** Corean Transband-J9 **Targeting & Tracking System:** Corean FlexTech

Corean's Centurion BattleMech has been a staple of the Federated Suns' military for centuries and has seen countless upgrades and customizations. It influenced the design of many of the Suns' most effective 'Mechs, including the advanced Legionnaire, and was a natural candidate to be redone as an OmniMech when Corean was looking to expand its market share in the second decade of the thirty-second century.

CAPABILITIES

The Centurion's configurations match the most common variants the 'Mech has carried over the years, offering MechWarriors their choice of roles to fill. Each of them combines both long and short range weaponry to fulfill the Centurion's traditional role as a utility BattleMech. If there is a deficiency, it is that only two of the Centurion's configurations mount jump jets—an increasingly-needful tactical tool on the modern battlefield.

DEPLOYMENT

The Morrill Draconis March Militia has suffered a number of spoiling raids from the Combine, often from Wolf's Dragoons striker battalions, who keep them constantly on the defensive to make it impossible for them to launch a counterattack into the Palmyra salient. Replacement machines rushed forward from the Crucis March have actually led to a higherthan-normal percentage of *Centurions*, often serving next to the venerable fixed-configuration machines. During a recent raid by the Black Cats Battalion, the mix of *Centurions* served the Morrills well.

As the Dragoons advanced toward a replenishment depot, each 'Mech company of the Morrill DMM attacked from its flank. Every *Centurion* in the unit was paired with a *Centurion* OmniMech, and in between attacks, while the Dragoons' attention was held by the DMM's conventional forces, the OmniMech would swap out configurations. The next day's attacks, with different weapons, tricked the Dragoons into believing the Morrill DMM had been heavily reinforced. Though they destroyed the replenishment depot, they retreated directly off-world instead of attacking their secondary targets.

NOTABLE UNITS

Captain Ariadne Davion-Leigh: Captain Davion-Leigh commands a company of the Fifth Periphery Guards on Vandalia. She is a distant relative of the ruling line, but her family is from June and she is a staunch Periphery March supporter. Her *Centurion E* is commonly found away from its company, farther forward with the scouts than her battalion commander might like. She has been outspoken in her regiment recently, however, as she believes the

Combine is likely to turn away from New Avalon and attack into the Periphery March to cut off the capital's line of supply.

Major Nicole Trenton: Commander of the mercenary Ninety-second Hessian Guards, Major Trenton pilots the only BattleMech in the company. Her *Centurion* is rarely seen in the same configuration two skirmishes in a row, which has led ISF reports to suspect the Guards have at least four *Centurions*. The rest of the Guards are built around hovertanks and armored infantry, making them a premier fast-reaction battalion. Under contract to the AFFS, the Guards have been shuttling between Draconis March worlds, doing last-minute readiness drills with local militias under threat of Combine attack.

Type: Centurion

Technology Base: Inner Sphere Tonnage: 50 Battle Value: 1,236

Equipment			Mass
Internal Structure:	Endo Steel		2.5
Engine:	250 XL		6.5
Walking MP:	5		
Running MP:	8		
Jumping MP:	0		
Heat Sinks:	10 [20]		0
Gyro (Compact):			4.5
Cockpit:			3
Armor Factor:	152		9.5
	Internal	Armor	
	Structure	Value	
Head	3	9	
Center Torso	16	21	
Center Torso (rear)		6	
R/L Torso	12	16	
R/L Torso (rear)		6	
R/L Arm	8	16	
R/L Leg	12	20	

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MEDIUM 'MECHS

CN11-O CENTURION

Weight and Space Allocation

Location	Fixed	Spaces Remaining
Head	1 Endo Steel	0
Center Torso	None	4
Right Torso	3 Engine	8
	1 Endo Steel	
Left Torso	3 Engine	6
	3 Endo Steel	
Right Arm	2 Endo Steel	6
Left Arm	3 Endo Steel	5
Right Leg	2 Endo Steel	0
Left Leg	2 Endo Steel	0

Notes: Features the following Design Quirks: Easy to Pilot.

Weapons and Ammo	Location	Critical	Tonn
Primary Weapons Configuratio	RA	6	1
Ammo (LB-X) 20	RT	2	2
Ammo (LRM) 24	RT	2	2
CASE II	RT	1	1
ER Medium Laser	СТ	1	1
ER Medium Laser	CT/R	1	1
LRM 10	LT	2	5
Artemis IV FCS	LT	1	1
Configuration A			
Rotary AC/5	RA	6	10
Ammo (RAC) 60	RT	3	3
Ammo (MML) 26/22	RT	2	2
CASE II	RT	1	1
ER Medium Laser	CT	1	1
MML 9	LT	5	6
Artemis IV FCS	LT	1	1
Battle Value: 1,398			
Configuration B			
Heavy PPC	RA	4	10
Double Heat Sink	RA	3	1
Guardian ECM Suite	RT	2	1.
Ammo (MML) 34/28	RT	2	2
CASEII	RT	1	1
Targeting Computer	CT	3	3
MML 7	LT	4	4.
Artemis IV FCS Battle Value: 1,430	LT	1	1

ng	Configuration C Plasma Rifle Ammo (Plasma) 20 Ammo (LRM) 24 Guardian ECM Suite CASE II ER Medium Laser ER Medium Laser C ³ Slave Unit LRM 10	RA RA RT RT CT CT/R CT/R LT LT	2 2 2 1 1 1 1 2 1	6 2 1.5 1 1 1 1 5 1	Configuration E—Advanced Gauss Rifle Ammo (Gauss) 16 2 ER Medium Lasers Boosted C ³ Slave Unit Angel ECM Suite Battle Value: 1,515	RA RT CT LT	7 2 2 2 2	15 2 2 3 2
nnage 11 2 2 1	Artemis IV FCS Jump Jets Jump Jet Jump Jets Battle Value: 1,628							
1 1 5 1 10 3 2 1 1 6	Configuration D—Advanced Hatchet MML 9 Artemis IV FCS 2 ER Medium Lasers Beagle Active Probe Ammo (MML) 26/22 CASE II	RA RT CT CT LT LT	4 5 1 2 2 2 1	4 6 1 2 1.5 2 1				
1 10 1 1.5 2 1 3 4.5 1	ER Small Laser Medium Shield Jump Jets Jump Jets Battle Value: 1,177	LT/R LA RT LT	1 5 2 2	-5 4 1 1				Devid White
		-						



Mass: 60 tons

Jump Jets: None

with CASE

Armament:

Chassis: Dorwinion Royal Fox

Cruising Speed: 54 kph

Power Plant: Model 42b 300 XXL

Jump Capacity: None

Autocannon

Armor: StarGuard Nightshroud Stealth

1 Mydron Tornado Rotary Class 5

Extended Range Large Lasers

The Blackout signaled the end of Devlin

Stone's dream for a peaceful Inner Sphere, and few companies responded as guickly as Achernar

BattleMechs, who released the first Vulpes to the

AFFS in 3133, barely a year after the Blackout. A

heavy, fast attack 'Mech in the same vein as the

venerable Argus, the Vulpes found a ready home

fighting House Liao in mind, the Vulpes is the AFFS'

preeminent heavy attack 'Mech. Designed to fight

at the range where its stealth armor offers it the

most protection, fast enough to move with the

line of battle, and dangerous enough that it can-

not be ignored, the Suns' enemies guickly learned

Clearly designed with the lessons learned

2 ExoStar Pinnacle (Clantech)

Manufacturer: Achernar BattleMechs

Primary Factory: New Avalon

Communications System: Lynx-Shur 7

Targeting & Tracking System: Federated

with Guardian ECM Suite

in the regiments of House Davion.

to target this powerful 'Mech early.

CAPABILITIES

Hunter Mk. XII

Maximum Speed: 86 kph, 108 kph with MASC

VLP-10 VULPES

HEAVY 'MECHS

DEPLOYMENT

Vulpes 'Mechs have earned a fearsome reputation in the short time they've been in the field. Popular among the AFFS' most elite regiments, they fought in some of the heaviest actions of both invasions. On Almach, with the First Federated Suns Armored Cavalry, a pair of these 'Mechs led two lances of Red Lancers on a merry chase.

Suffering from heavy Arrow IV bombardments, several detachments were sent out to silence the Red Lancers' launchers. Though they didn't discover the launchers, the two MechWarriors did stumble onto two recon lances probing for the Armored Cavalry's flank. Activating their armor, the pair attacked from long range, trusting their Clan-standard large lasers to outrange anything the Capellans could hit back with.

Two Capellan 'Mechs fell almost immediately, while the rest rushed forward, trying to close the range. Protected by their stealth armor, the Vulpes MechWarriors started a retrograde movement, holding the range, though the swift Capellan scouts were still faster. By the time they closed to optimal range for the Vulpes' Tornado cannons, only five of the Capellans were still mobile. The first autocannon barrage downed another 'Mech, but both Davion autocannons jammed. The Vulpes' pilots withdrew, trying to disengage, but the Capellans followed. By this time their heat burden was rising, and the air filled with the roar of incoming Arrow missiles. Only one of the Vulpes returned to the Armored Cavalry's lines, though they had traded one sixtyton 'Mech for at least six Capellan scouts.

Captured *Vulpes*es are prized by both Combine samurai and Capellan *janshi*—'Mechs have been observed on both New Syrtis and Robinson operating under enemy flags, and at least one disaffected company commander took his *Vulpes* when he deserted to form a mercenary company.

NOTABLE UNITS

Captain Benjamin Horn: Captain Horn commanded a 'Mech company in the Davion Heavy Guards RCT on Palmyra. Though half his company died in the initial Combine assault, he led the remainder—including his *Vulpes*—into the wilds to wage a guerrilla campaign. He and his troops became adept at mousetrapping pursuing Combine lances, luring them in with the emissions of his Guardian ECM suite and then attacking from long range. The captain himself was responsible for four 'Mech kills before a company of the Sword of Light caught them in movement. Pinned against a cliff face, Horn's Company fought to the last man, destroying eight Sworder 'Mechs before being killed.

Leftenant Colonel Damon Hasek-Greer:

Colonel Hasek-Greer, a cousin of the ruling Haseks, leads an *ad hoc* combined arms battalion operating in the rump of worlds created by the Capellan assault on New Syrtis. Refusing all orders to consolidate, Damon's Avengers have begun a personal war against House Liao. Though Hasek-Greer's *Vulpes* is one of only six 'Mechs in the battalion, he continues to lead his battalion against soft Capellan targets. The Avengers managed to capture a Capellan *Lung Wang*-class DropShip during a recent raid against Zanzibar, but intercepted orders to the First Syrtis Fusiliers reveal that the AFFS High Command is considering force to bring the rogue colonel to heel.

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VLP-10 VULPES

Type: Vulpes

Technology Base: Mixed Inner Sphere Tonnage: 60 Battle Value: 2,225

Equipment Internal Structure:		Mass 6
Engine:	300 XXL (C)	6.5
Walking MP:	5	
Running MP:	8 (10)	
Jumping MP:	0	
Heat Sinks:	14 [28]	4
Gyro:		3
Cockpit:		3
Armor Factor (Stealth):	200	12.5
	Internal	Armor
	Structure	Value
Head	3	9
Center Torso	20	30
Center Torso (rear)		9
R/L Torso	14	22
R/L Torso (rear)		6
R/L Arm	10	20
R/L Leg	14	28
Weapons and Ammo ER Large Laser (C)	Location Critic	cal Tonnage 4

ER Large Laser (C)	RA	1	4
Rotary AC/5	RT	6	10
Guardian ECM Suite	СТ	2	1.5
Ammo (RAC) 40	LT	2	2
CASE	LT	1	.5
MASC	LT	3	3
ER Large Laser (C)	LA	1	4

Notes: Features the following Design Quirks: Distracting, Difficult to Maintain.





BLK-NT-5H BLACK KNIGHT

HEAVY

'MECHS

44

Mass: 75 tons Chassis: Technicron Revised NT Endo-Composite Power Plant: Vlar 300 Light Cruising Speed: 32 kph Maximum Speed: 54 kph Jump Jets: None Jump Capacity: None Armor: Valiant Lamellor Armament: 1 Type DDS "Kingston" Extended Range Particle Projection Cannon 2 ExoStar Pinnacle (Clantech) Extended Range Large Lasers 2 ExoStar Pinnacle (Clantech) Extended **Range Medium Lasers** 2 ExoStar Pinnacle (Clantech) Extended **Range Small Lasers** 2 ExoStar Pinnacle (Clantech) Small Pulse Lasers Manufacturer: Kong Interstellar Corporation, **Robinson Standard BattleWorks** Primary Factory: Connaught (Kong), Robinson (RSB) **Communications System:** Rander Comm-Marshal Targeting & Tracking System: Rander Dragonslayer with Advanced **Targeting Computer** The Black Knight is one of the most en-

during and iconic BattleMechs in the Inner Sphere's history, despite the many upgrades, revisions and redesigns it has suffered. AFFS MechWarriors rejoiced when Robinson Standard BattleWorks put the 'Mech back into production in 3091, but since then the complaints about the steady train of variants have outweighed the praise. It has become, in AFFS procurement circles, the embodiment of the perennial failure to "leave good enough alone."

CAPABILITIES

New MechWarriors assigned to new-built Black Knights have made a joke out of having to "check the manual," but whatever its configuration a Black Knight is a powerful main combatant. Always armed with some mix of lasers and PPCs, they often include custom shields or specialized targeting equipment.

DEPLOYMENT

Black Knight MechWarriors have been popular challenges for Combine samurai during the invasion, and the 'Mech has performed with distinction in each case.

On Mokane, in 3144, the Second Genyosha's Sho-sa Kideki Harushima challenged Mokane militia Colonel Ferdinand Blane to a duel. The sho-sa, fighting in a newmodel Hatamoto-Chi, opened the duel early with a telling shot from his Gauss rifle that took Blane's -5H Black Knight in the left leg. The colonel responded with a withering barrage of laser and PPC fire, trusting his targeting computer to compensate for the long range. As the duel progressed, Blane held the range open, staying away from the Hatamoto's MRMs. Within minutes the sho-sa's 'Mech was limping, covered in laser and PPC strikes, while his Gauss rifle had shattered Blane's left hip actuator. As Harushima charged forward, Blane hid behind his 'Mech's shield before finally tying all his lasers into one shot and blasting the center of the Hatamoto out. Though his 'Mech shut down—and the colonel passed out from the heat—he won the duel. In the end, though, the Mokane militia couldn't stand against the elite Genyosha.

During the debacle at Palmyra a pair of *Black Knight* pilots from the Royal Cavaliers were among the last of their regiment to be hunted down. Piloting out-of-date -2Y model

'Mechs, they managed to stay ahead of their Combine pursuers until a Kuritan MechWarrior in a *Gunslinger* appeared before them. The Kuritan challenged both of the *Black Knights* to a duel at once, and fought like a demon. In two minutes of combat, not one of the *Gunslinger's* Gauss rifle rounds missed. The first *Black Knight* fell early, its cockpit crushed by a Gauss round, but the second held out, doing deadly damage with its targeting computer and PPC. It was only when the *Gunslinger* pilot used his jump jets to clear a river that the tide turned—the *Black Knight*, caught on an outcropping with no path to escape, was pounded to pieces by Gauss rifle fire.

VARIANTS

Robinson Standard BattleWorks has released at least five discrete factory variants of the basic *Black Knight* since resuming production in 3091—experimenting with Clan and Inner Sphere weaponry, larger engines, enhanced myomers, and added physical combat equipment.

NOTABLE UNITS

Tai-i Malcolm Meredith: A company commander in Ryuken-*ni, Tai-i* Meredith won honor for himself and his regiment by defeating an *Atlas III* in single combat on New Ivaarsen. Piloting a captured -4D model *Black Knight*, Meredith used his plasma rifles to overload the *Atlas'* heat system and drive it into shutdown. Despite having his right knee actuator fused, Meredith was able to stump close enough to the *Atlas* to tap the cockpit of the shutdown 'Mech with the barrel of his PPC, forcing the Davion MechWarrior to surrender. Offered the captured *Atlas* afterward, Meredith turned it down, preferring to keep his *Black Knight*.

BLK-NT-5H BLACK KNIGHT

Type: Black Knight

Technology Base: Mixed Inner Sphere (Advanced) Tonnage: 75 Battle Value: 2,423

Equipment Internal Structure: Engine: Walking MP: Running MP: Jumping MP: Heat Sinks (C): Gyro: Cockpit: Armor Factor:	Endo-Cor 225 Li 3 5 0 17 [3 216	ght 34] 5		Mass 6 14.5 7 3 3 13.5
Head Center Torso Center Torso (rear) R/L Torso R/L Torso (rear) R/L Arm R/L Leg	Intern Struct 3 23 16 12 16	ture	Armor Value 9 35 10 24 8 24 24 25	
Weapons and Ammo ER Large Laser (C) ER Small Laser (C) Medium Shield ER Medium Laser (C) Small Pulse Laser (C) Targeting Computer ER Medium Laser (C) Small Pulse Laser (C) ER PPC (C) ER Large Laser (C) ER Small Laser (C)	Location RA RA RT RT LT LT LA LA LA	Critic 1 5 1 1 5 1 1 2 1 1 2 1	al Tc	90000000000000000000000000000000000000

Notes: Features the following Design Quirks: Accurate Weapon (ER PPC).





TLR2-0 TEMPLAR III

Mass: 85 tons Chassis: Kallon Type XX Endo Steel Power Plant: GM 340 Light Cruising Speed: 43 kph Maximum Speed: 64 kph Jump Jets: None

Jump Capacity: None Armor: StarGuard CIV Armament:

29 tons of pod space available Manufacturer: General Motors

Primary Factory: New Valencia Communications System: Newberg Telescan 17 Targeting & Tracking System: Spar 3C MegaTrak

The *Templar* had been the Federated Suns' first OmniMech, intended to become one of the AFFS' flagship 'Mechs. The vaporization of the Kallon Industries factory that built it during the Jihad put those plans back several decades, though General Motors wasted little time in putting a new model into production on New Valencia. The *Templar III* continues the tradition begun by the original, updated with modern technology.

CAPABILITIES

The *Templar III* offers everything an eightyfive ton assault 'Mech requires to be successful: adequate speed, heavy armor and a weapons configuration to do a number on any enemy. Of particular note is the *Templar III B*, which combines a chain whip and a hatchet. Intended to wade into the midst of the enemy, it is particularly brutal when used effectively.

DEPLOYMENT

Templar IIIs are popular 'Mechs for company and battalion commanders, though they appear in assault lances with some frequency. During the Capellan invasion, one lance of three Templar *Ills* and a *Salamander* did considerable damage to a Capellan company on Spica in late 3144.

Although they were unable to intercept a lance of Vandal OmniMechs, Hartmann's Lance succeeded in blunting the advance of a company of Capellan 'Mechs. With the Salamander firing covering barrages of LRMs, the three *Templar IIIs* used their ER PPCs and targeting computers to deadly effect. The Capellans, channeled into a narrow street by minefields and battle armor hunter-killer squads, had little choice but to advance in column of twos toward the Davion lance. By the time they reached 300 meters' range, five of the Capellan 'Mechs had been put out of commission. With the Salamander dropping Thunder minefields to close the path, the lance withdrew to rearm.

The next day all three *Templars* were configured in the B configuration and moved through the city independently, attacking the Capellan 'Mechs attempting to sneak through the Davion lines. With Davion VTOLs covering the city with ECM noise, coordination was nearly impossible, and the *Templars* dealt a fear-some culling. Six more Capellan 'Mechs died. It wasn't until the Liaos began a concerted two-company push through the city, street by street, that the *Templars* were forced to withdraw.

NOTABLE UNITS

Major Anderson Carstairs: A battalion commander in the Davion Assault Guards on New Avalon, Major Carstairs is an outspoken critic of First Prince Julian Davion. He has made little attempt to hide his contempt for the distant leader, going so far to wonder why "a man who thinks he has the right to rule the Federated Suns lets himself get led across the Lyran Commonwealth by a bit of tail." Whatever his politics, Carstairs is an effective assault 'Mech officer, leading by example from his *Templar III*. Whether or not he will retain his command once Julian Davion arrives on New Avalon is anyone's guess.

Sergeant Victoria Dales: One of the Spica *Templar* pilots, Sergeant Dales was successfully evacuated and joined the First Syrtis Fusiliers on Frazer. Impatient with the First's defensive posture, she has been heard to say she wishes she could escape and join Colonel Damon Hasek-Greer's Avengers to strike back at the Confederation.

Type: Templar III

Technology Base: Inner Sphere Tonnage: 85 Battle Value: 2,028

Equipment			Mass
Internal Structure:	Endo Steel		4.5
Engine:	340 Light		20.5
Walking MP:	4		
Running MP:	6		
Jumping MP:	0		
Heat Sinks:	13 [26]		3
Gyro (Heavy-Duty):			8
Cockpit:			3
Armor Factor:	263		16.5
	Internal	Armor	
	Structure	Value	
Head	3	9	
Center Torso	27	44	
Center Torso (rear)		10	
R/L Torso	18	26	
R/L Torso (rear)		10	
R/L Arm	14	28	
R/L Leg	18	36	

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ASSAULT 'MECHS

TLR2-0 TEMPLAR III

Weight and Space Allocation

Location	Fixed	Spaces Remaining
Head	1 Endo Steel	0
Center Torso	None	2
Right Torso	2 Engine	6
	1 CASE	
	3 Endo Steel	
Left Torso	2 Engine	7
	3 Endo Steel	
Right Arm	None	8
Left Arm	3 Endo Steel	5
Right Leg	2 Endo Steel	0
Left Leg	2 Endo Steel	0

Notes: Features the following Design Quirks: Rumble Seat.

Fixed Equipment CASE	Location RT	Critical	Tonnage .5
Weapons and Ammo	Location	Critical	Tonnage
Primary Weapons Configuration	า		
ER PPC	RA	3	7
ER Medium Laser	RA	1	1
2 Double Heat Sinks	RA	6	2
SRM 4	RT	1	2
Ammo (SRM) 25	RT	1	1
Double Heat Sink	RT	3	1
2 ER Small Lasers	СТ	2	1
Targeting Computer	LT	5	5
ER PPC	LA	3	7
ER Medium Laser	LA	1	1
Double Heat Sink	LA	3	1
Configuration A			
Large Pulse Laser	RA	2	7
Medium Pulse Laser	RA	1	2
MML 7	RT	4	4.5
Ammo (MML) 34/28	RT	2	2
MML 7	LT	4	4.5
Large Pulse Laser	LA	2	7
Medium Pulse Laser Battle Value: 1,677	LA	1	2 —

Weapons and Ammo Configuration B (Advanced)	Location	Critical	Tonnage
Hatchet	RA	6	6
4 Small X-Pulse Lasers	RT	4	4
ER Small Laser	CT	1	.5
Supercharger	CT	1	2.5
2 Small X-Pulse Lasers	LT	2	2
ER PPC	LT	3	7
Chain Whip	LA	2	3
Jump Jets	RT	2	2
Jump Jets Battle Value: 1,919	LT	2	2

	Weapons and Ammo Configuration C (Advanced)	Location	Critical	Tonnage
	Rotary AC/5	RA	б	10
	Ammo (RAC) 60	RT	3	3
	ER Medium Laser	RT	1	1
	Ammo (Streak) 15	RT	1	1
	ER Small Laser	СТ	1	.5
	Streak SRM 6	LT	2	4.5
	ER Medium Laser	LT	1	1
	Large Re-Engineered Laser Battle Value: 1,968	LA	5	8
	Configuration D (Mixed, Advance	ed)		
	LB 10-X AC (C)	RA	5	10
	Ammo (LB-X) 30	RT	3	3
	Medium Re-Engineered Laser	RT	2	2.5
	Medium Re-Engineered Laser	CT	2	2.5
2)	2 Medium Re-Engineered Laser	rs LT	4	5
	ER PPC (C) Battle Value: 2,041	LA	2	6
	Dattie value. 2,041			

Devid White



AST-D3 ATLAS III

Mass: 100 tons

Chassis: Foundation 12X Endo Steel Power Plant: Vlar 300 Cruising Speed: 32 kph Maximum Speed: 54 kph Jump Jets: None

Jump Capacity: None Armor: Starshield Special Heavy with CASE II Armament:

1 Mydron Model RD Rotary Class 2 Autocannon 1 StarTek 20 Tube Long Range Streak Launcher 1 Type VI Streak SRM 6 Launcher 4 Martell-X Medium X-Pulse Lasers **Manufacturer:** General Motors, Robinson Standard BattleWorks **Primary Factory:** El Dorado (GM), Robinson (RSB) **Communications System:** Rander Comm-Marshal with Angel ECM Suite **Targeting & Tracking System:** Dalban HiRez V

The *Atlas* is perhaps the most recognizable BattleMech in the Inner Sphere. It appears on more recruiting posters, more propaganda films, and in the boxes of more children's toys than any other 'Mech. More than a dozen variants have appeared over the centuries, and Robinson's *Atlas III* is only the most recent to appear. Rebuilt with cutting-edge technology, the *Atlas III* is likely to become the AFFS' premier assault 'Mech.

CAPABILITIES

In building the *Atlas III* Robinson went with the most advanced technology available—specialized Clan weapons, custom shields, radical heat sink flush systems, and top of the line ECM. The result is a powerful assault 'Mech almost custom-built for unit commanders. Still rare, *Atlas IIIs* are assigned to battalion and regimental commanders in the AFFS and RAF—including the personal 'Mech of Exarch Jonah Levin.

DEPLOYMENT

When the Capellan Confederation attacked Tikonov in force, several Atlas IIIs were on-planet among the Davion defenders, and each was targeted by the Capellans for capture, anxious to reverse-engineer the radical heat sink system. One of these Atlases, piloted by Davion Leftenant Nathan Marlowe, fought its way into legend.

Attacked outside Salat by a reinforced lance of Capellan 'Mechs, Leftenant Marlowe called for reinforcements and went on the defensive. He fired his rotary autocannon at long range, trying to keep the Capellans at bay, but they soon used their swift 'Mechs to flank him. As they closed he added his Streak LRM 20 to the mix, pounding the Capellan 'Mechs with incredibly accurate LRM fire. By the time the bulk of the lance passed 400 meters its two Anubises had been disabled and an Agrotera was limping. Marlowe continued to retreat, adding his lasers to the mix when the Capellans closed. Soon he was alternating firing his lasers and flushing his heat sinks, until only a Vandal and a Lu Wei Bing remained. A burst from the Lu Wei Bing's autocannon disabled his rotary, prompting the young warrior to drop it. Capellan battleROMs clearly show him flexing the Atlas' great hands and advancing at that point, steam issuing from almost every seam in the Atlas' armor.

By the time relief arrived from Salat, all the 'Mechs were destroyed. The corpse of Leftenant Marlowe's *Atlas* was draped across the broken body of the Capellan *Vandal*, and the *Lu Wei Bing* lay nearby, its head crushed. Marlowe was found inside his cockpit, pierced by an LB-X submunition. He received the Medal Excalibur, posthumously, and his name was inscribed on the wall of honor in the hall of the Order of Davion.

VARIANTS

The -D2 *Atlas III* is intended as a more mainline combatant, sacrificing the radical heat sink system and the rotary autocannon for a HAG and targeting computer.

NOTABLE UNITS

Major Sir Alban Viceroy: Sir Alban commands the planetary militia of his homeworld, Maynard, on the Combine border. His -D2 *Atlas* was a gift from Duke Corwin Sandoval, after Sir Alban's service during Operation PELAYO. Although he walks with a limp, Sir Alban drives his militia to a frenetic pace, certain his world is to be attacked. His *Atlas* has become a common sight, stumping around the proving grounds shouting at infantrymen from its external speakers, or striding across the countryside directing the placement of caches of equipment for fighting positions.

Sergeant Omosope Uchiba: Sergeant Uchiba was last reported as serving with the mercenary Wicked White Knights on Fallon II, though no reports have been made about his capture or death. His *Atlas III*, captured in combat against the Republic of the Sphere, was the heaviest and most powerful 'Mech in the White Knights. Under contract to the AFFS when the DCMS took the world, it was reported he and his lance fought their way out of a Combine choke point and vanished into the world's badlands. It seems likely that a 100-ton 'Mech would have been discovered if he hadn't made it off-world, but persistent rumors speak of a monolithic monster that walks the moors outside of Hadfield.

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ASSAULT 'MECHS

AST-D3 ATLAS III

Notes: Features the following Design Quirks: Command

Type: Atlas III

Technology Base: Mixed Inner Sphere (Advanced) Tonnage: 100 Battle Value: 2,564

Equipment			Ma
Internal Structure:	Endo Steel		1
Engine:	300		1
Walking MP:	3		
Running MP:	5		
Jumping MP:	0		
Heat Sinks:	12 [24]		2
Gyro:			1
Cockpit (Armored):			4
Armor Factor:	307		19
	Internal	Armor	
	Structure	Value	
Head	3	9	
Center Torso	31	50	
Center Torso (rear)		12	
R/L Torso	21	32	(
R/L Torso (rear)		10	(
R/L Arm	17	34	
R/L Leg	21	42	

Weapons and Ammo Location Critical Tonnag

Rotary AC/2	RA	3
Ammo (RAC) 90	RA	2
Small Shield	RA	3
Streak LRM 20 (C)	RT	5
Ammo (Streak LRM) 12	RT	2
CASE II	RT	1
Angel ECM Suite	CT	2
Streak SRM 6	LT	2
Ammo (Streak SRM) 15	LT	1
CASE II	LT	1
2 Medium X-Pulse Lasers	LT	2
Radical Heat Sink System	LT	3
2 Medium X-Pulse Lasers	LA	2
Small Shield	LA	3





RDL-01C RONDEL

••••

Mass: 55 tons

Frame: Greenock Ltd. Model 3 Power Plant: VOX 330 XL Armor: Wangker Solarion Reflective Armament:

1 Mydron Tornado Rotary Class 5 Autocannon 6 Diverse Optics Extended Range Medium Lasers **Manufacturer**: Greenock Aero Manufacturing, Ltd. **Primary Factory**: Firgrove **Communications System**: Rander 100B **Targeting & Tracking System**: Jalastar TargiTrack 777

Introduced a little more than a decade before the Victoria War, the *Rondel* slowly built a reputation as a workhorse middleweight aerospace fighter. Low production kept it from supplanting more common airframes like the *Corsair* or the *Lightning*, but in the Capellan March especially, pilots assigned to *Rondels* often attempted to keep them their entire careers.

CAPABILITIES

The *Rondel* performs equally well in space or in the atmosphere. Its wing-mounted lasers provide powerful strafing capabilities, while its acceleration allows it a heavy bomb load. As an interceptor the *Rondel* competes favorably with its nearest competitors, but the Tornado cannon lacks the knockout punch of a heavier fighter's main weapon.

DEPLOYMENT

Greenock's relative obscurity meant that the *Rondel*'s early sales were to mainly mercenary and planetary militia wings, but an initial order by the Capellan March Militia in 3112 brought increased production and prominence. Its prominence in the Capellan March meant that *Rondels* factored in many aerospace actions of the Capellan invasion.

In late 3144 the Capellan Dynasty Guards struck at Avigait, intent on destroying the First Syrtis Fusiliers. Supporting the Fusiliers was a mercenary aerospace wing called Halsey's White Hammers. The White Hammers specialized in ground attack missions, with two squadrons of *Rondels* covered by an interceptor squadron of *Stingrays*. As the Dynasty Guards attacked, both attack squadrons flew sortie after sortie against the Capellan advance, heavily-laden with bombs. After the third strike the *Rondels* lingered to strafe with their lasers, hoping to identify the Capellan subunit commanders.

The Capellan air defense 'Mechs were frustrated when their PPCs and plasma weapons failed to bring down the *Rondels*, and the White Hammers were well-trained to avoid the emissions of autocannon-armed Partisan tanks. By the time LRM-equipped 'Mechs joined the fray, the *Rondels* had extended and escaped to reload their bomb bays. One more bomb run was enough to convince Major Halsey his fighters were outmatched, and the White Hammers moved to harassing the Guards' rear.

During the retreat from Avigait the White Hammers were forced to defend their own carriers, a trio of hired *Leopard CV* DropShips. While the Guards' aerospace contingent pursued them, the Stingray squadron flew interdiction missions, trying to keep Capellan fighters away from the DropShips. The two *Rondel* squadrons, with little training in air-toair missions, attacked the pursuing DropShips. Using simple mass-fire tactics, eleven of twelve *Rondels* jammed their Tornados with maximum-rate barrages against a Capellan *Union*. Forced to fight their way back through the screen with only their medium lasers, four of the *Rondels* were lost before the Guards fighters turned back for Avigait.

NOTABLE UNITS

Major Thomas Halsey: Before founding his own mercenary aerospace wing Thomas Halsey served with the First Federated Suns Armored Cavalry, where he was one of the few *Rondel* pilots to earn ace's wings against the Capellan Confederation. As a leader Halsey is only middling, but his strengths as a tactician are almost unmatched. A strong student of military history, he often uses tactics like the mass-fire barrage he displayed at Avigait to surprise his opponents. This trait has kept the White Hammers alive more than once.

Leftenant Adrian Franke: Leftenant Franke is a flight leader in the 463rd Independent Aerospace Wing, which was based on New Syrtis when the Capellan invasion arrived. The 463rd was assigned as escort for the *New Syrtis*, the corvette defending the march capital, but they couldn't keep the strong Capellan attack from destroying the WarShip. Shot out of his *Dagger*, Franke returned to the sky in a refurbished *Rondel*. He shot down two Liao *Transits* before running out of Tornado ammunition. With only his lasers, he was unable to outfight a Capellan *Troika* and was shot down two weeks before New Syrtis capitulated.

AEROSPACE FIGHTER

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RDL-Ø1C RONDEL

Divid White

Type: Rondel

Technology Base: Inner Sphere (Advanced) Tonnage: 55 Battle Value: 2,274

Equipment	
Engine:	330 XL
Safe Thrust:	8
Maximum Thrust:	12
Structural Integrity:	8
Heat Sinks:	11 [22]
Fuel:	400
Cockpit:	
Armor Factor (Reflec):	232
	Armor
	Value
Nose	71
Wings	54/54
Aft	53

Weapons and Ammo	Location	Mass	Heat	SRV	MRV	LRV	ERV
Rotary AC/5	Nose	10	6	20	20	_	_
Ammo (RAC) 60	_	3					
3 ER Medium Lasers	RW	3	15	5	5	_	_
3 ER Medium Lasers	LW	3	15	5	5		_

Mass 12.5

Notes: Features the following Design Quirks: Easy to Maintain.



CUT-010 CUTLASS

Mass: 70 tons Frame: Wangker IX Power Plant: Magna 350 XL Armor: Wangker Solarion Reflective Armament:

1 Poland Main Model C Gauss Rifle 1 ExoStar Extended Range Large Laser 4 Martell Extended Range Medium Lasers **Manufacturer**: Wangker Aerospace **Primary Factory**: Axton **Communications System**: Rander 200B with Guardian ECM Suite **Targeting & Tracking System**: Rander TA1000 with Beagle Active Probe

The *Cutlass* entered service with the AFFS just after the turn of the century and quickly earned primacy of place in interceptor squadrons. Fast, heavily-armed and protected by laser-reflective armor designed to defeat the laser weapons of Capellan *Transgressors* and *Troikas*, the *Cutlass* was an instant hit.

CAPABILITIES

As many Combine pilots discovered at Palmyra, the *Cutlass* is a hard target. Safely hidden in a cloud of electronic distortion, *Cutlass* pilots use their fighter's high acceleration to drive into range to strike with Gauss rifle and lasers and then escape.

DEPLOYMENT

Popular in the AFFS navy, *Cutlasses* have fought along both the Confederation and the Combine borders. In both places they have functioned largely in conventional interceptor roles, but two actions stand out to place the *Cutlass* a cut above other similar fighters such as the *Stingray* or *Lucifer*. In many cases the *Cutlass* squadrons were as surprised as the rest of the AFFS navy at Palmyra, but several pilots kept their heads and defended their carriers even as those carriers abandoned them for the relative safety of hyperspace. Their ECM often shielded them from initial fire, which gave them precious seconds to respond. The most effective response came from the 116th Interceptor Squadron, the so-called Valkyries.

The Kuritans' initial barrage crippled the Valkyries' Leopard CV-class carrier, so Captain Henrietta Vickers led her fighters against the nearest Combine DropShip. In a staggering display of professionalism, the Valkyries flew as a coordinated squadron, using mass-fire to shred a half-squad of Koroshiya fighters with their Gauss rifles. Ignoring the remaining fighters' counterfire, the Valkyries dove at a Kuritan Okinawa. In a matter of minutes the squadron had disabled the DropShip's drive. That accomplished, the squadron turned toward another Kuritan DropShip, joining a general attack on a Taihou driving toward the Star Lord-class JumpShip FSS Nikolai Rostov. Though Rostov was destroyed, the Taihou did not survive—the last surviving Valkyrie, Sergeant Angelo Dorden, crashed his *Cutlass* into the DropShip's stern, destroying it.

In the defense of New Syrtis, *Cutlass*es flying with the New Syrtis Capellan March Militia were the last line of defense before the Capellan landings. Using their speed and ECM to full effect, the squadrons dove at the Capellan DropShips as they entered the atmosphere, hoping the ionization interference would help protect them, but the Capellan escorts had anticipated the tactic. Autocannon-armed *Defiance* fighters pounced on them and pounded their reflective armor to pieces, though two troop-carrying DropShips were destroyed.

VARIANTS

The E-model *Cutlass* replaces the Gauss rifle and ER medium lasers with an extended-range long-range missile battery, turning the fighter into a splendid harasser and pursuit fighter.

NOTABLE UNITS

Sergeant Hilario Diaz: When the Combine assault on Palmyra began, Hilario Diaz was flying barrier combat air patrol for the FSS Numenor's Pride. Pride was one of the JumpShips attacked by the hidden Combine forces, and while its captain scrambled to make an emergency jump Diaz and his wingman held off a full squadron of Combine Shilones. Though their Cutlasses took ruinous damage from the Shilones' LRMs, their armor protected them long enough for Diaz and his wingman to disable four of the six Shilones. Diaz's wingman was lost withdrawing to the JumpShip, and Diaz's Cutlass caught a bad hook on landing and crashed. He survived, though he watched the fall of Tsamma from a hospital DropShip.

Leftenant Vilnius Arrega: Flight leader Leftenant Vilnius Arrega flew with the aerospace contingent of the First Federated Suns Armored Cavalry at Almach, and faced some of the Confederation's most elite pilots. Even as the Red Lancers were driving the Armored Cavalry off-world, Arrega and his flight were repeatedly pounding penetrations through the Liao aerospace cordon, allowing General Chapman's troops to escape.

AEROSPACE FIGHTER

CUT-010 CUTLASS



ΒΛτ	- I_E-	TECH	BATTLE ARMOR RECORD SHEET
BATTILE AR Type: PAB-28 Gunnery Skill: Ground MP: 1 Weapons & Equip. David Light Gauss Rifle David Light Gauss Rifle David Light Gauss Rifle Mechanized: [] Swa	· · _ ·	1 000 2 000 3 000 4 000	LEG ATTACKS TABLE BATTLE ARMOR BASE TO-HIT TROOPERS ACTIVE MODIFIER 4-6 0 3 +2 2 +5 1 +7 SWARM ATTACKS TABLE BATTLE ARMOR BASE TO-HIT TROOPERS ACTIVE
BATTILE AR Type: PAB-28 Gunnery Skill: Ground MP: 1 Weapons & Equip. David Light Gauss Rifle David Light Gauss Rifle	MOR: SQUAD 2 Era: Dark Age Anti-'Mech Skill: Dmg Min 1 [DB] - 3 5 8 1 [DB] - 3 5 8	1 000 2 000 3 000 4 000	$\begin{array}{cccc} 4-6 & +2 \\ 1-3 & +5 \end{array}$ SWARM ATTACK MODIFIERS TABLE ATTACKING ENEMY BATTLE ARMOR TROOPERS ACTIVE 1 2 3 4 5 +0 +0 +0 +1 +2 +2 +3
Armor: Standard Stealt Mechanized: Swa BATTILE AR Type: PAB-28 Gunnery Skill: Ground MP: 1 Weapons & Equip. David Light Gauss Rifle David Light Gauss Rifle		BV: 119/23 1 000 2 000 3 000 4 000	4 +0 +0 +1 +2 +3 +4 3 +0 +1 +2 +3 +4 +5 2 +1 +2 +3 +4 +5 +6 1 +2 +3 +4 +5 +6 +7 BATTLE ARMOR EQUIPMENT Claws with magnets -1 -1 SITUATION * 'Mech prone -2 -2 'Mech or vehicle immobile -4 -4 -2 *Modifiers are cumulative -2 -4 -2
	h [+1/+1/+2] arm: Leg: AP: AP: AP: AP: AP: AP: AP: AP	BV: 119/23 1 000 2 000 3 000 4 000	SWARM ATTACKS HIT LOCATION TABLE2D6BIPEDALFOUR-LEGGEDROLLLOCATIONHead2HeadHead3Rear Center TorsoHead4Rear Right TorsoRear Right Torso5Front Right TorsoRear Right Arm7Front Center TorsoFront Right Torso7Front Center TorsoFront Right Torso9Front Left ArmFront Center Torso9Front Left TorsoRear Left Torso10Rear Center TorsoRear Center Torso11Rear Center TorsoFront Left Torso
BATTILE AR Type: PAB-28 Gunnery Skill: Ground MP: 1 Weapons & Equip. David Light Gauss Rifle David Light Gauss Rifle Armor: Standard Stealt	Arm: Leg: AP: AP: MOR: SQUAD 5 Era: Dark Age Anti-'Mech Skill:	BV: 119/23 1 000 2 000 3 000 4 000	12 Head Head TROOPER NUMBER LOCATION 1 Right Torso VehicLe LocAtion 2 Left Torso Right Side 3 Right Torso (rear) Left Side 4 Left Torso (rear) Left Side 5 Center Torso (rear) Rear 6 Center Torso Rear 7 Right Side (Unit 1/Unit 2) Right Side (Unit 1/Unit 2) 3 Left Side (Unit 1/Unit 2) Eff Side (Unit 1/Unit 2) 3 Left Side (Unit 1/Unit 2) Eff Side (Unit 1/Unit 2)

BATTLET		BATTLE ARMOR RECORD SHEET		
BATTLE ARMOR: SQUAD 1 Type: Sea Fox Era: Dark Age Gunnery Skill: Anti-'Mech Skill: Ground MP: 3 Jump: 1 UMU: 3 Weapons & Equip. Dmg Min Sht Med Lng Cutting Torch [E] - - - Light Machine Gun (Body) 1 (DB,AI) - 2 4 6 SRM 1 (DS) 2/Msi (MCS) - 3 6 9	1 00000 2 00000 3 000000 4 000000	LEG ATTACKS TABLEBATTLE ARMOR TROOPERS ACTIVEBASE TO-HIT MODIFIER4-603+22+51+7		
Armor: Basic Stealth (+0/+1/+2) Mechanized: Swarm: Leg: AP: AP: AP: AP: AP: AP: AP: AP: AP: AP	BV: 130/25	SWARM ATTACKS TABLEBATTLE ARMORBASE TO-HITTROOPERS ACTIVEMODIFIER4-6+21-3+5		
Gunnery Skill: Anti-'Mech Skill: Ground MP: 3 Jump: 1 UMU: 3 Weapons & Equip. Dmg Min Sht Med Lng Cutting Torch [E] - - Light Machine Gun (Body) 1 [DB,AI] - 2 4 6 Mechanical Jump Booster [E] - - - - SRM 1 (OS) 2/Mei (M.C.S) - 3 6 9 Armor: Basic Stealth (+0/+1/+2) - - - -	2 000000 3 000000 4 000000	SWARM ATTACK MODIFIERS TABLEATTACKING ENEMY BATTLE ARMOR TROOPERS ACTIVEFRIENDLY MECHANIZED BATTLE ARMOR TROOPERS ACTIVE6+0+0+0+1+26+0+0+0+1+2+36+0+0+0+1+2+34+0+0+1+2+3+43+0+1+2+3+4+5		
Mechanized: Swarm: Leg: AP: AP: Mechanized: Swarm: Leg: AP: AP: AP: AP: AP: AP: AP: AP	BV: 130/25 1 000000 2 000000 3 000000 4 000000	2 +1 +2 +3 +4 +5 +6 1 +2 +3 +4 +5 +6 +7 BATTLE ARMOR EQUIPMENT Claws with magnets SITUATION* 'Mech prone -2 'Mech or vehicle immobile -4 Vehicle -2		
Mechanical Jump Booster SRM 1 (DS) Armor: Basic Stealth (+0/+1/+2) Mechanized: Swarm: Leg: AP: BATTLE ARMOR: SQUAD 4 Type: Sea Fox Era: Dark Age Sumarn: Skill	BV: 130/25	*Modifiers are cumulative SWARM ATTACKS HIT LOCATION TABLE 2D6 BIPEDAL ROLL LOCATION LOCATION 2 Head Head 3 Rear Center Torso 4 Rear Right Torso 5 Front Right Torso 8 Rear Right Torso		
Gunnery Skill: Anti-'Mech Skill: Ground MP: 3 Jump: 1 UMU: 3 Weapons & Equip. Dmg Min Sht Med Lng Cutting Torch [E] - - - - - Light Machine Gun (Body) 1 [DBAI] - 2 4 6 Mechanical Jump Booster [E] - - - - SRM 1 (DS) Smarr: Basic Stealth (+0/+1/+2) - 3 6 9 Armor: Basic Stealth (+0/+1/+2) Leg: () AP: () AP: ()	2 00000 3 00000 4 00000	 Right Arm Front Center Torso Front Center Torso Left Arm Front Left Torso Front Left Torso Front Left Torso Rear Left Torso Rear Center Torso Rear Center Torso Head Head 		
BATTLE ARMOR: SQUAD 5 Type: Sea Fox Era: Dark Age Gunnery Skill: Anti-'Mech Skill: Ground MP: 3 Jump: 1 UMU: 3 Weapons & Equip. Dmg Min Sht Med Lng Cutting Torch [E] - - Light Machine Gun (Body) 1 [DB,AI] - 2 4 6 Mechanical Jump Booster [E] - - - - - - SRM 1 (DS) 2/MsI (MLS) - 3 6 9 - - - - - Mechanized I (MCS) Ymsi (MLS) - 3 6 9 -	BV: 130/25 1 00000 2 00000 3 00000 4 000000	TRANSPORT POSITIONS TABLE TROOPER 'MECH VEHICLE NUMBER LOCATION Right Side 1 Right Torso Right Side 2 Left Torso Right Side 3 Right Torso (rear) Left Side 4 Left Torso (rear) Left Side 5 Center Torso (rear) Rear 6 Center Torso Rear 7 Right Side (Unit 1/Unit 2) Right Side (Unit 1/Unit 2) 2 Right Side (Unit 1/Unit 2) Eft Side 3 Left Side (Unit 1/Unit 2) Eft Side (Unit 1/Unit 2) 5 Rear (Unit 1/Unit 2) Eft Side (Unit 1/Unit 2)		

ΒΛΤΤ		ECI-I	Le Martin	E ARMOR D SHEET
Gunnery Skill: Ar Ground MP: 1 Ju	ra: Dark Age 1 nti-'Mech Skill: 2 ump: 2 Min Sht: Med Lng 3	• • • • • • • • • • • • • • • • •	LEG ATTACKS BATTLE ARMOR TROOPERS ACTIVE 4–6 3 2 1	TABLE BASE TO-HIT MODIFIER 0 +2 +5 +5 +7
Armor: Basic Stealth (+0/+1/+2) Mechanized: Swarm: BATTLE ARMOR:		• 348/67	SWARM ATTACK BATTLE ARMOR TROOPERS ACTIVE 4-6 1-3	S TABLE BASE TO-HIT MODIFIER +2 +5
Gunnery Skill: Ar Ground MP: 1 Ju Weapons & Equip. Dmg	ra: Dark Age nti-'Mech Skill: 2 ump: 2 Min Sht Med Lng - 2 4 6 - 3 6 9 4	•0000000000000000000000000000000000000	TROOPERS ACTIVE 1 2 6 +0 +0	
BATTLE ARMOR:		• 348/67 • 000000000000000000000000000000000000	3 +0 +1 2 +1 +2	+1 +2 +3 +4 +2 +3 +4 +5 +3 +4 +5 +6 +4 +5 +6 +7 ENT _1
Ground MP: 1 Ju	nti-'Mech Skill: 2 ump: 2 Min Sht Med Lng - 2 4 6 - 3 6 9 4	• 000000000000000000000000000000000000	SITUATION * 'Mech prone 'Mech or vehicle immobile Vehicle *Modifiers are cumulative	-2 -4 -2
Armor: Basic Stealth [+0/+1/+2] Mechanized: Swarm: BATTLE ARMOR:	SQUAD 4	• 348/67	SWARM ATTACKS HIT LO 2D6 BIPEDAL ROLL LOCATION 2 Head 3 Rear Center Torso	FOUR-LEGGED LOCATION Head Front Right Torso
Ground MP: 1 Ju Weapons & Equip. Dmg Light Machine Gun (Body) 1 [DB,AI] Magshot 2 [DB]	ra: Dark Age nti-'Mech Skill: 2 ump: 2 Min Sht. Med Lng 3	• • • • • • • • • • • • • • • • •	 4 Rear Right Torso 5 Front Right Torso 6 Right Arm 7 Front Center Torso 8 Left Arm 9 Front Left Torso 10 Rear Left Torso 11 Rear Center Torso 12 Head 	Rear Center Torso Rear Right Torso Front Right Torso Front Center Torso Front Left Torso Rear Left Torso Rear Center Torso Front Left Torso Head
BATTLE ARMOR: Type: Fusilier Er	SQUAD 5	• 348/67 • 000000000000000000000000000000000000	TRANSPORT POSIT TROOPER 'MECH NUMBER LOCATION 1 Right Torso 2 Left Torso 3 Right Torso (rear)	VEHICLE LOCATION Right Side Right Side Left Side
Ground MP: 1 Ju	nti-'Mech Skill: 2 ump: 2 Min Sht Med Lng - 2 4 6 - 3 6 9 4	• • • • • • • • • • • • • • • • • • •	4 Left Torso (rear) 5 Center Torso (rear) 6 Center Torso TROOPER LARGE SUPPORT NUMBER VEHICLE LOCATION 1 Right Side (Unit 1/Unit 2 Right Side (Unit 1/Unit 3 Left Side (Unit 1/Unit 4 Left Side (Unit 1/Unit	Rear t 2) 2) 2) CATAVIST 2) 2) 2)
Mechanized: Swarm:	Leg: AP: 🖌	: 348/67	5 Rear (Unit 1/Unit 2 6 Rear (Unit 1/Unit 2 *Unit 1 and Unit 2 represent two battle ar)





GROUND COMBAT VEHICLE HIT LOCATION TABLE

		ATTACK DIRECTION	
2D6 Roll	FRONT	REAR	SIDES
2*	Front (critical)	Rear (critical)	Side (critical)
3	Front†	Rear†	Side†
4	Front†	Rear†	Side†
5	Right Side†	Left Side †	Front†
6	Front	Rear	Side
7	Front	Rear	Side
8	Front	Rear	Side (critical)*
9	Left Side†	Right Side†	Rear†
10	Turret	Turret	Turret
11	Turret	Turret	Turret
12*	Turret (critical)	Turret (critical)	Turret (critical)

*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thics Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thic Location Table may inflict critical hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The static may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hit strike the side as indicated by the attack direction. For example, if an attack hits the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked.

ΜΟΤΙ	/E SYSTE	M DAMAGE TAE	BLE	
2D6 Roll 2-5 6-7 8-9		+1 modifier to all Driving Skill ge; –1 Cruising MP, +2 modif s		
10–11 12+	Heavy damage; +3 modifier to a	only half Cruising MP (round Il Driving Skill Rolls no movement for the rest of		
Attack Direction Modifier: Vehicle Type Modifiers:				
Hit from rear Hit from the sides	+1 +2	Tracked, Naval Wheeled Hovercraft, Hydrofoil WiGE	+0 +2 +3 +4	

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2-5 6 7 We 8 9 10 C 11 We

12

FRONT No Critical Hit Driver Hit Weapon Malfunction Stabilizer Sensors Commander Hit Weapon Destroyed Crew Killed

SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank * TURRET No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

*If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



GROUND COMBAT VEHICLE HIT LOCATION TABLE

		ATTACK DIRECTION	
2D6 Roll	FRONT	REAR	SIDES
2*	Front (critical)	Rear (critical)	Side (critical)
3	Front†	Rear†	Side†
4	Front†	Rear†	Side†
5	Right Side †	Left Side†	Front†
6	Front	Rear	Side
7	Front	Rear	Side
8	Front	Rear	Side (critical)*
9	Left Side†	Right Side†	Rear†
10	Turret	Turret	Turret
11	Turret	Turret	Turret
12*	Turret (critical)	Turret (critical)	Turret (critical)

*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thics Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thic Location Table may inflict critical hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The static may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hit strike the side as indicated by the attack direction. For example, if an attack hits the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked.

ΜΟΤΙ	/E SYSTE	M DAMAGE TAE	BLE	
2D6 Roll 2-5 6-7 8-9		+1 modifier to all Driving Skill ge; –1 Cruising MP, +2 modif s		
10–11 12+	Heavy damage; +3 modifier to a	only half Cruising MP (round Il Driving Skill Rolls no movement for the rest of		
Attack Direction Modifier: Vehicle Type Modifiers:				
Hit from rear Hit from the sides	+1 +2	Tracked, Naval Wheeled Hovercraft, Hydrofoil WiGE	+0 +2 +3 +4	

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2-5 6 7 We 8 9 10 C 11 We

12

FRONT No Critical Hit Driver Hit Weapon Malfunction Stabilizer Sensors Commander Hit Weapon Destroyed Crew Killed

SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank *

TURRET No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

*If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.







GROUND COMBAT VEHICLE HIT LOCATION TABLE

		ATTACK DIRECTION	
2D6 Roll	FRONT	REAR	SIDE§
2*	Front (critical)	Rear (critical)	Side (critical)
3	Front†	Rear†	Side†
4	Front†	Rear†	Side†
5	Right Side†	Left Side †	Front†
6	Front	Rear	Side
7	Front	Rear	Side
8	Front	Rear	Side (critical)*
9	Left Side†	Right Side†	Rear†
10	Turret	Turret	Turret
11	Turret	Turret	Turret
12*	Turret (critical)	Turret (critical)	Turret (critical)

*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thics Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thic Location Table may inflict critical hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The static may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hit strike the side as indicated by the attack direction. For example, if an attack hits the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked.

ΜΟΤΙ	/E SYSTEI	M DAMAGE TAE	BLE
2D6 Roll 2–5	EFFECT* No effect		
6–7 8–9	Minor damage;	+1 modifier to all Driving Skill ge; –1 Cruising MP, +2 modil s	
10-11 12+	Heavy damage; +3 modifier to a	only half Cruising MP (round II Driving Skill Rolls no movement for the rest of	
124	Vehicle is immob		une garne.
Attack Direction N		Vehicle Type Modifiers:	
Hit from rear Hit from the sides	+1 +2	Tracked, Naval Wheeled Hovercraft, Hydrofoil WiGE	+0 +2 +3 +4
WiGE +4 *All movement and Driving Skill Roll penaltes are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, inflicting a +1 modifier, that is the only time that particular +1 can be applied, a subsequent roll of 6-7 has no additional effect. This means the maximum Driving Skill Roll modifier that can be inflicted from the Motive System Damage Table is +6. If a units Crusing MP is reduced to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage takes effect at the end of the phase in which the damage occurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system damage take selfect at the end of the mage and nolls a 12, the -4 immobile target modifier would take effect during the Physical Attack Phase. If a hover vehicle is rendered immobile while over a Depth 1 or deeper water hex, it sinks and is destroyed.			

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll	
2-5	No
6	
7	Weap
8	
9	-
10	Cor
11	Wea
12	C

FRONT Jo Critical Hit N Driver Hit Car pon Malfunction Wea Stabilizer C Sensors ommander Hit Wea apon Destroyed Crew Killed

SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank *

TURRET No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

*If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



		ATTACK DIRECTION	
2D6 Roll	FRONT	REAR	SIDES
2*	Front (critical)	Rear (critical)	Side (critical)
3	Front†	Rear†	Side†
4	Front†	Rear†	Side†
5	Right Side†	Left Side †	Front†
6	Front	Rear	Side
7	Front	Rear	Side
8	Front	Rear	Side (critical)*
9	Left Side†	Right Side†	Rear†
10	Turret	Turret	Turret
11	Turret	Turret	Turret
12*	Turret (critical)	Turret (critical)	Turret (critical)

*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thics Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thic Location Table may inflict critical hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The static may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hit strike the side as indicated by the attack direction. For example, if an attack hits the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked.

ΜΟΤΙΝ	/E SYSTEN	/I DAMAGE TAE	BLE	
2D6 Roll	EFFECT*			
2-5	No effect	4		
6–7 8–9		1 modifier to all Driving Skil		
0-9	Driving Skill Rolls	e; –1 Cruising MP, +2 modi	ner to all	
10–11		nly half Cruising MP (round Driving Skill Rolls	fractions up),	
12+	Major damage; n Vehicle is immobi	o movement for the rest of le.	the game.	
Attack Direction N	/lodifier:	Vehicle Type Modifiers:		
Hit from rear	+1	Tracked, Naval	+0	
Hit from the sides	+2	Wheeled	+2	
		Hovercraft, Hydrofoil	+3	
		WiGE	+4	
WrigE +4 *All movement and Driving Skill Roll penalties are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, inflicting a 1 modifier that is the only time that particular +1 can be applied; a subsequent roll of 6-7 has no additional effect. This means the maximum Driving Skill Roll modifier that can be inflicted from the Motive System Damage Table is +6. If a unit's Cruising MP is reduced to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage takes effect at the end of the phase in which the damage cocurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system Manage takes 19. 2, the -4 immobile target modifier would not apply for the second unit. However, the -4 modifier would take effect at has no is destroyed.				

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll	
2–5	N
6	
7	Wear
8 9	
10	Co
11	Wea
12	1

FRONT No Critical Hit Driver Hit Weapon Malfunction Stabilizer Sensors Commander Hit Weapon Destroyed Crew Killed SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank *

TURRET No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

*If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



GROUND COMBAT VEHICLE HIT LOCATION TABLE

		ATTACK DIRECTION	
2D6 Roll	FRONT	REAR	SIDES
2*	Front (critical)	Rear (critical)	Side (critical)
3	Front†	Rear†	Side†
4	Front†	Rear†	Side †
5	Right Side†	Left Side†	Front [†]
6	Front	Rear	Side
7	Front	Rear	Side
8	Front	Rear	Side (critical)*
9	Left Side†	Right Side†	Rear†
10	Turret	Turret	Turret
11	Turret	Turret	Turret
12*	Turret (critical)	Turret (critical)	Turret (critical)

*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thics Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thic Location Table may inflict critical hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The static may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hit strike the side as indicated by the attack direction. For example, if an attack hits the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked.

ΜΟΤΙ	/E SYSTEI	M DAMAGE TAE	BLE	
2D6 Roll	EFFECT*			
2–5 6–7	No effect	4 IC		
6-7 8-9		+1 modifier to all Driving Skill ge; –1 Cruising MP, +2 modil		
0-3	Driving Skill Rolls		ier to all	
10–11	Heavy damage;	only half Cruising MP (round	fractions up),	
12+		II Driving Skill Rolls no movement for the rest of jile.	the game.	
Attack Direction N	Modifier:	Vehicle Type Modifiers:		
Hit from rear	+1	Tracked, Naval	+0	
Hit from the sides	+2	Wheeled	+2	
		Hovercraft, Hydrofoil	+3	
		WiGE	+4	
VIGE +44 *All movement and Driving Skill Roll penalties are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 67 is made for a vehicle, inflicting a +1 modifier, that is the only time that particular +1 can be applied; a subsequent roll of 67 has no additional effect. This means the maximum Driving Skill Roll modifier that can be point on the Motive System Damage Table is +6. If a units Cruising MP is reduced to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage takes effect at the end of the phase in which the damage occurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system damage take selfect at the second unit. However, the -4 modifier would take effect during the Physical Attack Phase. If a hover vehicle is rendered immobile target would take the the second unit. However, the -4 modifier would take the first of the second unit. However, the -4 modifier would take the other of the second unit. However, the -4 modifier would take the other of the second unit. However, the -4 modifier would take the other of the second unit. However, the -4 modifier would take the other of the second unit. However, the second units the other differ would take the other of the second units. However, the second units the				

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2–5 N 6 Vea 8 9 10 Ca 11 We

12

FRONT No Critical Hit Driver Hit Weapon Malfunction Stabilizer Sensors Commander Hit Weapon Destroyed Crew Killed SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank * TURRET No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

*If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thics Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thic Location Table may inflict critical hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The static may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hit strike the side as indicated by the attack direction. For example, if an attack hits the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked.

Turret (critical)

10–11	Heavy damage; only half Cruising MP (round fractions up), +3 modifier to all Driving Skill Rolls		
12+	Major damage; no movement for the rest of the game. Vehicle is immobile.		
Attack Direction Modifier:		Vehicle Type Modifiers:	
Hit from rear	+1	Tracked, Naval	+0
Hit from the sides	+2	Wheeled	+2
		Hovercraft, Hydrofoil	+3
		Wige	+4
*All movement and Driving Skill Roll penalties are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, inficiting a +1 modifier, that is the only time that particular +1 can be applied; a subsequent roll of 6-7 has no additional effect. This means the maximum Driving Skill Roll modifier that can be only time that particular is 4-1 can be applied; a subsequent roll of 6-7 has no additional effect. This means the maximum Driving Skill Roll modifier that can be used to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage table is 4-6 if a units Cruising MP is reduced to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage table states effect at the end of the phase in which the damage occurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system damage and rolls a 12, the -4 immobile target the anglet mould not apply for the second unit. However, the -4 modifier would not apply for the second unit. However, the -4 modifier would not apply for the second unit. However, the -4 modifier while our apply for the phase. If a hover vehicle is rendered immobile while over a Depth 1 or deeper water hex, it is inks and is destroyed.			vehicle, inflicting equent roll of 6-7 that can be 'is reduced obile target. In thich the damage during the oills a 12, the -4 -4 modifier would

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2–5 N 6 7 Wea 8 9 10 Co 11 Wea 12

Turret (critical)

12

FRONT No Critical Hit Driver Hit C Weapon Malfunction W Stabilizer Sensors Commander Hit W Weapon Destroyed Crew Killed

SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank*

Turret (critical)

REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank * TURRET No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

*If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



5 Roll	FRONT	REAR	SIDE§
2*	Front (critical)	Rear (critical)	Side (critical)
3	Front†	Rear†	Side†
4	Front†	Rear†	Side †
5	Right Side†	Left Side †	Front†
6	Front	Rear	Side
7	Front	Rear	Side
8	Front	Rear	Side (critical)*
9	Left Side†	Right Side†	Rear†
10	Turret	Turret	Turret
11	Turret	Turret	Turret
2*	Turret (critical)	Turret (critical)	Turret (critical)

*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacksting player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 129 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 129 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicle Stitu Contex (p. 129 in *Total Warfare* for more information), but the attack direction, but the attack direction, p. 192 in *Total Warfare* for more information), Apply damage even if its armor remains intact. Apply damage takes effect. Side hits strike the side as indicated by the attack direction. For example, if an attack hits demage takes effect.

ΜΟΤΙΝ	/E SYSTEM	DAMAGE TAE	BLE
2D6 Roll	EFFECT*		
2-5	No effect		
6-7		modifier to all Driving Skil	
8–9	Moderate damage; Driving Skill Rolls	–1 Cruising MP, +2 modi	fier to all
10–11	Heavy damage; only half Cruising MP (round fractions up), +3 modifier to all Driving Skill Rolls		
12+	Major damage; no movement for the rest of the game. Vehicle is immobile.		
Attack Direction N	/lodifier:	Vehicle Type Modifiers:	
Hit from rear	+1	Tracked, Naval	+0
Hit from the sides	+2	Wheeled	+2
		Hovercraft, Hydrofoil	+3
		WiGE	+4
*All movement and Driving Skill Roll penalties are cumulative. However, each Driving Skill R modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, inflictir a +1 modifier, that is the only time that particular +1 can be applied; a subsequent roll of 6 has no additional effect. This means the maximum Driving Skill Roll modifier that can be inflicted from the Motive System Damage Table is +6. If a unit's Cruising MP is reduced to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system Damage tables effect at the end of the phase in which the dama occurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system damage and rolls a 12, the immobile target modifier would not apply for the second unit. However, the -4 modifier woul take effect during the Physical Attack Phase. If a hover vehicle is rendered immobile while over a Depth 1 or deeper water have, it sinks and is destroyed.		rehicle, inflicting quent roll of 6-7 nat can be s reduced bile target. In lich the damage uring the ulls a 12, the -4 h modifier would	

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2–5	٢
6 7 8	Wea
9 10 11 12	Ci We

2

12

FRONT No Critical Hit Driver Hit apon Malfunction Stabilizer Sensors ommander Hit apon Destroyed Crew Killed

SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank * TURRET No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

*If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



A result of 12 of the Ground Lombat Vencies Hit Location lable may innict critical int against the turret, if the vencie has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. †The vehicle may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Solde hits strike the side as indicated by the attack direction. For example, if an attack hits the right side, all Side results strike the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked. *All movement and Driving Skill Roll penalties are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, inflicting a +1 modifier, that is the only time that particular +1 can be applied; a subsequent roll of 6-7 has no additional effect. This means the maximum Driving Skill Roll modifier that can be inflicted from the Motive System Damage Table is +6. If a unit's Cruising MP is reduced to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage takes effect at the end of the phase in which the damage occurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system damage and rolls a 12, the -4 immobile target modifier would not apply for the second unit. However, the -4 modifier would take effect during the Physical Attack Phase. If a hower vehicle is rendered immobile while over a Depth 1 or deeper water hex, it sinks and is destroyed.

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2-5 N 6 7 Wea 8 9 10 Cc 11 Wea 12

FRONT No Critical Hit Driver Hit Weapon Malfunction Stabilizer Sensors Commander Hit Weapon Destroyed Crew Killed SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank * TURRET No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

*If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Hit Location Table may inflict critical Hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The vehicle may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attack direction Jable may inflict critical hits Table (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage even the domage table at right side, all Side results strike the end of the phase in which the damage takes effect. Side hits strike the side as indicated by the attack direction. For example, if an attack hits the right side, all Side results strike the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked.

*All movement and Driving Skill Roll penalties are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, infiction a +1 modifier, that is the only time that particular +1 can be applied; a subsequent roll of 6 has no additional effect. This means the maximum Driving Skill Roll modifier that can be inflicted from the Motive System Damage Table is -6. If a unit's Cruising MP is reduced to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage takes effect at the end of the phase in which the damag occurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system damage and rolls a 12, the -immobile target modifier would not apply for the second unit. However, the -4 modifier woul take effect during the Physical Attack Phase. If a hower whicle is rendered immobile while over a Depth 1 or deeper water hex, it sinks and is destroyed.	ng 3-7 ge –4
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GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2–5 N 6 7 Wea 8 9 10 Co 11 Wea 12

FRONT No Critical Hit Driver Hit Weapon Malfunction Stabilizer Sensors Commander Hit Weapon Destroyed Crew Killed SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank *

TURRET No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

*If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



A result or 12 on the Ground Combat Vehicles Hit Location label may inflict critical int against the turret, if the venicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. †The vehicle may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see Combat, p. 192 in Total Warfare for more information). Apply damage at the end of the phase in which the damage takes effect. §Side hits strike the side as indicated by the attack direction. For example, if an attack hits the right side, all Side results strike the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked.

FRONT

Driver Hit

Stabilizer

Sensors

HIL IFUIT LIFE SILLES	+2	vviieeleu	+_
		Hovercraft, Hydrofoil	+3
		WiGE	+4
modifier can only be applied a +1 modifier, that is the or has no additional effect. Thi inflicted from the Motive Sy to O, it cannot move for the addition, all motive system occurred. For example, if the Weapon Attack Phase and immobile target modifier wo	once. For exan ly time that pars s means the ma stem Damage T rest of the gar damage takes e vo units are atta the first unit infl uld not apply fo cal Attack Phas	es are cumulative. However, each I hple, if a roll of 6-7 is made for a subser ticular +1 can be applied; as a us able is +6. If a unit's Crusing MP is ne, but is not considered an immol ffect at the end of the phase in wh acking the same Combat Vehicle du icts motive system damage and no r the second unit. However, the -4 e. If a hover vehicle is rendered im is and is destroyed.	ehicle, inflicting quent roll of 6-7 hat can be is reduced bile target. In ich the damage uring the Ils a 12, the -4 is modifier would

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2 - 5No Critical Hit 6 Weapon Malfunction 7 8 9 10 Commander Hit 11 Weapon Destroyed 12 Crew Killed

SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction **Crew Stunned** Stabilizer Weapon Destroyed Engine Hit Fuel Tank*

REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank*

TURRET No Critical Hit Stabilizer Turret, Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition* Turret Blown Off

* If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. ** If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



Rear† Turret Turret Turret (critical)

Side

Side

Side (critical)*

*A result of 2 or 12 (or an B if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacks inplayer then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 1492 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Hit Location Table may inflict critical hit against the turnet; if the vehicle has A result of 12 on the Ground Combat Vehicles Hit Location Table may inflict critical hit against the turnet; if the vehicle has no turnet, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. †The vehicle may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hits strike the side as indicated by the attack direction. For example, if an attack hits the right side, all Side results strike the right side armor. If the vehicle has no turnet, a turnet hit strikes the armor on the side attacked.

Rear

Rear

Rear

Right Side †

Turret

Turret

Turret (critical)

2D6 Roll	EFFECT*		
2–5	No effect		
6–7	Minor damage; +1 modifier to all Driving Skill Rolls		
8–9	Moderate damage; -1 Cruising MP, +2 modifier to all		
	Driving Skill Rolls		
10-11	Heavy damage; on	ly half Cruising MP (round fr	actions up),
	+3 modifier to all [Driving Skill Rolls	
12+	Major damage; no movement for the rest of the game.		
	Vehicle is immobile.		
Attack Direction Modifier:		Vehicle Type Modifiers:	
Hit from rear	+1	Tracked, Naval	+0
Hit from the sides	+2	Wheeled	+2
		Hovercraft, Hydrofoil	+3
		WiGE	+4
*All movement and Driving Skill Roll penalties are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, infitting a +1 modifier, that is the only time that particular +1 can be applied; a subsequent roll of 6-7 has no additional effect. This means the maximum Driving Skill Roll modifier that can be inflicted from the Motive System Damage Table is -6. If a units Crusing MP is reduced to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage takes effect at the end of the phase in which the damage occurred. For example, if two units are attacking the same Combat Vehicle during the Wespon Attack Phase and the first unit inflicts motive system damage and rolls a 12, the -4 immobile target modifier would not apply for the second unit. However, the -4 modifier would take effect during the Physical Attack Phase. If a hover vehicle is rendered immobile while over a Depth 1 or deeper water hex, it sinks and is destroyed.			

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll	
2-5	Ν
6	
7 8	Wea
9	
10	Co
11	We
12	

Front

Front

Front.

Left Side t

Turret

Turret

Turret (critical)

78

9

10

11

12

FRONT No Critical Hit Driver Hit apon Malfunction Stabilizer Sensors ommander Hit apon Destroyed Crew Killed

SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction **Crew Stunned** Stabilizer Weapon Destroyed Engine Hit Fuel Tank*

REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank*

TURRET No Critical Hit Stabilizer Turret, Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition* Turret Blown Off

* If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. ** If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.


GROUND COMBAT VEHICLE HIT LOCATION TABLE

		ATTACK DIRECTION	
2D6 Roll	FRONT	REAR	SIDES
2*	Front (critical)	Rear (critical)	Side (critical)
3	Front†	Rear†	Side†
4	Front†	Rear†	Side†
5	Right Side†	Left Side †	Front†
6	Front	Rear	Side
7	Front	Rear	Side
8	Front	Rear	Side (critical)*
9	Left Side†	Right Side†	Rear†
10	Turret	Turret	Turret
11	Turret	Turret	Turret
12*	Turret (critical)	Turret (critical)	Turret (critical)

*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thics Table below (see *Combat*, p. 192 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Thic Location Table may inflict critical hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The static may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hit strike the side as indicated by the attack direction. For example, if an attack hits the right side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attacked.

ΜΟΤΙ	/E SYSTEN	I DAMAGE TAB	BLE	
2D6 Roll	EFFECT*			
2–5	No effect			
6-7		1 modifier to all Driving Skill		
8–9	Moderate damag	e; –1 Cruising MP, +2 modifi	ier to all	
10–11	Heavy damage; or +3 modifier to all	nly half Cruising MP (round f	ractions up),	
12+		o movement for the rest of t	the game.	
Attack Direction N	/lodifier:	Vehicle Type Modifiers:		
Hit from rear	+1	Tracked, Naval	+0	
Hit from the sides	+2	Wheeled	+2	
		Hovercraft, Hydrofoil	+3	
		WiGE	+4	
WiGE +44 *All movement and Driving Skill Roll penalties are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, inflicting a +1 modifier, that is the only time that particular +1 can be applied; a subsequent roll of 6-7 has no additional effect. This means the maximum Driving Skill Roll modifier that can be inflicted from the Motive System Damage Table is +6. If a units Cruising MP is reduced to 0, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage takes effect at the end of the phase in which the damage occurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system damage and rolls a 12, the -4 immobile target modifier would not apply for the second unit. However, the -4 modifier would take effect during the Physical Attack Phase. If a hover vehicle is rendered immobile while over a Depth 1 or deeper water hex, it sinks and is destroyed.				

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2–5 N 6 7 Weau 8 9 10 Co 11 Weau 12 (

FRONT No Critical Hit Driver Hit Weapon Malfunction Stabilizer Sensors Commander Hit Weapon Destroyed Crew Killed SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank *

TURRET No Critical Hit Stabilizer

Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

* If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. ** If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



12 Turret (critical) Turret (critical) Turret (critical) *A result of 2 or 12 (or an B if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacksking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 1492 in *Total Warfare* for more information). A result of 12 on the Ground Combat Vehicles Hit Location Table may inflict critical hit against the turnet; if the vehicle has A result of 12 on the Ground Combat Vehicles Hit Location Table may inflict critical hit against the turnet; if the vehicle has no turnet, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. †The vehicle may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hits strike the side as indicated by the attack direction. For example, if an attack hits the right side, all Side results strike the right side armor. If the vehicle has no turnet, a turnet hit strikes the armor on the side attacked.

Rear

Right Side†

Turret

Turret

12+	+3 modifier to all Major damage; no Vehicle is immobil	o movement for the rest of	the game.
Attack Direction		Vehicle Type Modifiers:	-
Hit from rear Hit from the sides	+1 +2	Tracked, Naval Wheeled	+0 +2
	+2	Hovercraft, Hvdrofoil	+2
		WiGE	+4
modifier can only be a a +1 modifier; that is t has no additional effect inflicted from the Moti to O, it cannot move fi addition, all motive sys occurred. For example Weapon Attack Phase immobile target modifi take effect during the	pplied once. For examp the only time that partic t. This means the maxi- ve System Damage Tak- or the rest of the game tam damage takes effe a, if two units are attacl and the first unit inflict er would not apply for t	are cumulative. However, each le, if a roll of 6-7 is made for a v ular +1 can be applied; a subse mum Driving Skill Roll modifier t le is +6. If a unit's Cruising MP i , but is not considered an immo tat the end of the phase in wh ving the same Combat Vehicle d s motive system damage and ro the second unit. However, the -4 If a hover vehicle is rendered im and is destroyed.	vehicle, inflicting iquent roll of 6-7 hat can be is reduced while target. In nich the damage uring the ulls a 12, the -4 1 modifier would

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2–5 6	No
7 8 9	Weap
10	Cor
11 12	Weaj C

Front.

Left Side t

Turret

Turret

9

10

11

FRONT o Critical Hit Driver Hit on Malfunction Stabilizer Sensors mmander Hit pon Destroyed Crew Killed

SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction **Crew Stunned** Stabilizer Weapon Destroyed Engine Hit Fuel Tank*

Side (critical)*

Rear†

Turret

Turret

REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank*

TURRET No Critical Hit Stabilizer Turret, Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition* Turret Blown Off

* If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. ** If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



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9

10

11

12

Front

Front

Front.

Left Side

Turret

Turret

Turret (critical)

Rear† Left Side Rear Rear Rear Right Side † Turret Turret

Turret (critical)

Rear† Turret Turret Turret (critical)

Side

Side

Side (critical)*

*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacksing player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Total Warfer* for more information). A result of 12 on the Ground Combat Vehicles Hit Location Table may inflict critical hit against the turret; if the vehicle has A result of 12 on the Ground Combat Vehicles Hit Location Table may inflict critical hit against the turnet; if the vehicle has no turnet, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. †The vehicle may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hits strike the side as indicated by the attack direction. For example, if an attack hits the right side, all Side results strike the right side armor. If the vehicle has no turnet, a turnet hit strikes the armor on the side attacked.

2D6 Roll 2-5 6-7 8-9 10-11 12+	Moderate damag Driving Skill Rolls Heavy damage; o +3 modifier to all	1 modifier to all Driving Skil le; –1 Cruising MP, +2 modi nly half Cruising MP (round Driving Skill Rolls o movement for the rest of	ifier to all fractions up),
. –	Vehicle is immobi		3
Attack Direction N	Nodifier:	Vehicle Type Modifiers:	
Hit from rear	+1	Tracked, Naval	+0
Hit from the sides	+2	Wheeled	+2
		Hovercraft, Hydrofoil	+3
		WiGE	+4
modifier can only be ar a +1 modifier, that is thas no additional effect inflicted from the Motiv to 0, it cannot move for addition, all motive syst occurred. For example Weapon Attack Phase immobile target modifi	pplied once. For example only time that partit. t. This means the may ve System Damage Ta pr the rest of the gam- tem damage takes eff , if two units are attac and the first unit inflic er would not apply for Physical Attack Phase.	s are cumulative. However, each le, if a roll of 6-7 is made for a cular +1 can be applied; a subse imum Driving Skill Roll modifier the ble is +6. If a unit's Cruising MP ¹ , e, but is not considered an immo ect at the end of the phase in wit king the same Combat Vehicle d ts motive system damage and rc the second unit. However, the	vehicle, inflicting quent roll of 6-7 hat can be is reduced oble target. In nich the damage uring the ulls a 12, the -4 4 modifier would

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

12

FRONT No Critical Hit Driver Hit Weapon Malfunction Stabilizer Sensors Commander Hit Weapon Destroyed Crew Killed

SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction **Crew Stunned** Stabilizer Weapon Destroyed Engine Hit Fuel Tank*

REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank*

TURRET No Critical Hit Stabilizer Turret, Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition* Turret Blown Off

* If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. ** If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



	ATTACK DIRECTION				
2D6 Roll	FRONT	REAR	FRONT SIDE	REAR SIDE	
2*	Front (critical)	Rear (critical)	Side (critical)§	Side (critical)§	
3	Right Side†	Left Side†	Front†	Rear†	
4	Front†	Rear†	Side †	Side†	
5	Front [†]	Rear†	Side	Side	
6	Front	Rear	Side	Side	
7	Front	Rear	Side	Side	
8	Front	Rear	Side (critical)*	Side (critical)*	
9	Front†	Rear†	Side†	Side†	
10	Turret	Turret	Turret	Turret	
11	Turret	Turret	Turret	Turret	
12*	Turret (critical)	Turret (critical)	Turret (critical)	Turret (critical	

*A result of 2 or 12 (or an 6 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 6 for side attacks), apply damage normally to the armor in that section. The attacking player than automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 194 in *Tatal Warfare* for more information). A result of 12 on the Ground Combat Vehicles Hit Location Table may inflict a critical hit against the turnet; if the vehicle has no turnet, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The streaction, but the attacking player also rolls once on the Motive System Damage Table at rolls (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes affect. Sift the attack hits the front right or laft side, all Front side results strike the front armor, while Rear Side results strike the front armor strike strike the armor on the side attacked.

ΜΟΤΙ	/E SYSTEI	M DAMAGE TAE	BLE	
2D6 Roll	EFFECT*			
2–5 6–7 8–9		+1 modifier to all Driving Skil ge; –1 Cruising MP, +2 modi		
10–11 12+	Heavy damage; +3 modifier to a	only half Cruising MP (round II Driving Skill Rolls no movement for the rest of		
Attack Direction	Modifier:	Vehicle Type Modifiers:		
Hit from rear Hit from the sides	+1 +2	Tracked, Naval Wheeled Hovercraft, Hydrofoil WiGE	+0 +2 +3 +4	
WiGE +4 *All movement and Driving Skill Roll penalties are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, inflicting a +1 modifier, that is the only time that particular +1 can be applied; a subsequent roll of 6-7 has no additional effect. This means the maximum Driving Skill Roll modifier that can be inflicted from the Motive System Damage Table is +6. If a units Crusing MP is reduced to D, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage takes effect at the end of the phase in which the damage occurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system damage and rolls a 12, the -4 immobile target modifier would not apply for the second unit. However, the -4 modifier would take effect during the Physical Attack Phase. If a hover vehicle is rendered immobile while				

over a Depth 1 or deeper water bex, it sinks and is destroyed

SUPER-HEAVY VEHICLE CRITICAL HITS TABLE LOCATION HIT 2D6 Roll FRONT SIDE REAR TURRET No Critical Hit No Critical Hit No Critical Hit 2–5 No Critical Hit Cargo/Infantry Hit Weapon Malfunction Stabilizer 6 Driver Hit 7 Weapon Malfunction Weapon Malfunction Cargo/Infantry Hit Turret Jam 8 Stabilizer Crew Stunned Stabilizer Weapon Malfunction 9 Stabilizer Weapon Destroyed Turret Locks Sensors 10 Commander Hit Weapon Destroyed Engine Hit Weapon Destroyed 11 Ammunition ** Ammunition ** Weapon Destroyed Engine Hit **Crew Killed** Fuel Tank* Fuel Tank* Turret Blown Off 12 * If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. **If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.

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	ATTACK DIRECTION			
2D6 Roll	FRONT	REAR	FRONT SIDE	REAR SIDE
2*	Front (critical)	Rear (critical)	Side (critical)§	Side (critical)§
3	Right Side†	Left Side†	Front ⁺	Rear†
4	Front†	Rear†	Side †	Side†
5	Front [†]	Rear†	Side	Side
6	Front	Rear	Side	Side
7	Front	Rear	Side	Side
8	Front	Rear	Side (critical)*	Side (critical)*
9	Front†	Rear†	Side †	Side†
10	Turret	Turret	Turret	Turret
11	Turret	Turret	Turret	Turret
12*	Turret (critical)	Turret (critical)	Turret (critical)	Turret (critical

*A result of 2 on 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 (or 8 for side attacks), apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat. Vehicle Critical Hits Table below (see *Combat*, p. 194 in *Total Warfare* for more information). A result of 12 on the Ground Combat. Vehicles Hit Location Table may inflict a critical hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit on the side corresponding to the attack direction. The vehicle may suffer motive system damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Total Warfare* for more information). Apply damage at the end of the phase in which the damage takes affect. Sift the attack hits the front right or left side, all Front side results strike the front armor, while Rean Side results strike the

ΜΟΤΙΝ	/E SYSTE	M DAMAGE TA	BLE
2D6 Roll 2–5	EFFECT* No effect		
6–7 8–9		+1 modifier to all Driving Ski age; –1 Cruising MP, +2 mod	
10–11	Heavy damage;	s only half Cruising MP (round III Driving Skill Rolls	fractions up),
12+		no movement for the rest of	the game.
Attack Direction N		Vehicle Type Modifiers:	
Hit from rear Hit from the sides	+1 +2	Tracked, Naval Wheeled	+0 +2
HIL IFORT THE SIDES	+2	Hovercraft, Hydrofoi	+2
		WiGE	+4
modifier can only be a a +1 modifier; that is t has no additional effec inflicted from the Moti to 0, it cannot move fi addition, all motive sys occurred. For example Weapon Attack Phase immobile target modifi	pplied once. For exar the only time that par st. This means the m ve System Damage 1 or the rest of the gar stem damage takes e e, if two units are atta and the first unit inf er would not apply fo	es are cumulative. However, each nple, if a roll of 6-7 is made for a - tricular +1 can be applied; a subset aximum Driving Skill Roll modifier the able is +6. If a unit's Cruising MP ne, but is not considered an immo fifect at the end of the phase in wi acking the same Combat Vehicle d licts motive system damage and ro rh be second unit. However, the -4 e. If a hover which is medgered in	vehicle, inflicting equent roll of 6-7 hat can be is reduced oble target. In nich the damage uring the JIIs a 12, the -4 4 modifier would

over a Depth 1 or deeper water hex, it sinks and is destroyed.

LOCATION HIT				
2D6 Roll	FRONT	SIDE	REAR	TURRET
2–5	No Critical Hit	No Critical Hit	No Critical Hit	No Critical Hit
6	Driver Hit	Cargo/Infantry Hit	Weapon Malfunction	Stabilizer
7	Weapon Malfunction	Weapon Malfunction	Cargo/Infantry Hit	Turret Jam
8	Stabilizer	Crew Stunned	Stabilizer	Weapon Malfunctior
9	Sensors	Stabilizer	Weapon Destroyed	Turret Locks
10	Commander Hit	Weapon Destroyed	Engine Hit	Weapon Destroyed
11	Weapon Destroyed	Engine Hit	Ammunition **	Ammunition **
12	Crew Killed	Fuel Tank*	Fuel Tank*	Turret Blown Off



*A result of 2 or 12 (or an 8 if the attack strikes the side) may inflict a critical hit on the vehicle. For each result of 2 or 12 [or 8 for side attacks], apply damage normally to the armor in that section. The attacking player then automatically rolls once on the Ground Combat Vehicle Critical Hits Table below (see *Combat*, p. 192 in *Tadal Warfare* for more information). A result of 12 on the Ground Combat Vehicles Hits Location Table may inflict critical hit against the turret; if the vehicle has no turret, a 12 indicates the chance of a critical hit a simor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Tatal Warfare* for more information). Apply damage even if its armor remains intact. Apply damage normally to the armor in that section, but the attacking player also rolls once on the Motive System Damage Table at right (see *Combat*, p. 192 in *Tatal Warfare* for more information). Apply damage at the end of the phase in which the damage takes effect. Side hits strike the side armor. If the vehicle has no turret, a turret hit strikes the armor on the side attack.

Side (critical)*

Rear†

Turret

Turret

Turret (critical)

Rear

Right Side †

Turret

Turret

Turret (critical)

2-5	No effect			
6–7	Minor damage; +	1 modifier to all Driving Skil	l Rolls	
8–9	Moderate damage; -1 Cruising MP, +2 modifier to all			
	Driving Skill Rolls			
10–11		nly half Cruising MP (round	fractions up),	
	+3 modifier to all			
12+		o movement for the rest of	the game.	
	Vehicle is immobi	le.		
Attack Direction N	Nodifier:	Vehicle Type Modifiers:		
Hit from rear	+1	Tracked, Naval	+0	
Hit from the sides	+2	Wheeled	+2	
		Hovercraft, Hydrofoil	+3	
		WiGE	+4	
WiGE +4 *All movement and Driving Skill Roll penaltes are cumulative. However, each Driving Skill Roll modifier can only be applied once. For example, if a roll of 6-7 is made for a vehicle, inflicting a +1 modifier, that is the only time that particular +1 can be applied; a subsequent roll of 6-7 has no additional effect. This means the maximum Driving Skill Roll modifier that can be inflicted from the Motive System Damage Table is +6. If a units Cruising MP is reduced to O, it cannot move for the rest of the game, but is not considered an immobile target. In addition, all motive system damage takes effect at the end of the phase in which the damage cocurred. For example, if two units are attacking the same Combat Vehicle during the Weapon Attack Phase and the first unit inflicts motive system damage tand to lis a 12, the -4 immobile target modifier would not apply for the second unit. However, the -4 modifier would take effect during the Physical Attack Phase. If a hover vehicle is rendered immobile while over a Depth 1 or deeper water hex; it sinks and is destroyed.				

GROUND COMBAT VEHICLE CRITICAL HITS TABLE

LOCATION HIT

2D6 Roll 2–5 N 6 7 Weal 8 9 10 Co 11 Wea 12

Front.

Left Side t

Turret

Turret

Turret (critical)

8

9

10

11

12

FRONT No Critical Hit Driver Hit Weapon Malfunction Stabilizer Sensors Commander Hit Weapon Destroyed Crew Killed SIDE No Critical Hit Cargo/Infantry Hit Weapon Malfunction Crew Stunned Stabilizer Weapon Destroyed Engine Hit Fuel Tank* REAR No Critical Hit Weapon Malfunction Cargo/Infantry Hit Stabilizer Weapon Destroyed Engine Hit Ammunition ** Fuel Tank *

No Critical Hit Stabilizer Turret Jam Weapon Malfunction Turret Locks Weapon Destroyed Ammunition ** Turret Blown Off

* If Combat Vehicle has ICE engine only. If Combat Vehicle has a fusion engine, treat this result as Engine Hit. ** If Combat Vehicle carries no ammunition, treat this result as Weapon Destroyed.



























































