

SEAGLE
SINGLE

GIVING YOU MORE. WITH LESS.



The EAGLE Single is the work horse in the Bell Medium Lift helicopter market. This program, by virtue of a 9-passenger Supplemental Type Certificate approval process, will convert the venerable Bell 212 helicopter from a twin engine to a single engine application.

While maintaining the Type Certificate of the Bell 212, owners and operators alike will enjoy the inherent benefits of the Bell 212, such as the 11,200 lb gross weight limitation, common Bell 212 part numbers, dual hydraulics, enhanced 212 airframe structure and the availability of the aftermarket accessories commonly found on today's working machines.

As a by-product of the conversion, the EAGLE Single will have a resulting loss of weight from removing one engine, the original heavy avionics and associated wiring, producing a medium helicopter in the 5,900 lb empty weight range.

While performance of the helicopter alone will set a new standard, there are additional benefits from the program. Traditional cost of operation will be reduced, allowing for more operating profits. Reliability will be enhanced by incorporating modern-day avionics and upgrades to the instrument panel, fuel panel and collective head design.

The EAGLE Single has been designed and is now poised to be the helicopter of choice in the medium lift market. An all-commercial helicopter ensuring lasting value, product support, part commonality, aftermarket accessories availability, and unmatched performance. Currently certified in Canada, USA, Australia, Chile, Peru and Indonesia.

Helicopter Specifications

ENGINE		FUEL CAPACITY		EXTERNAL DIMENSIONS			
Manufacturer	Honeywell	Standard tank	215 gals	Length, Fuselage, ft		42.40	
Model	T5317A or 17B	Aux or Ferry tank	180 gals	Length, T/R Turning, ft		45.93	
Weight, lbs	540	AVG FUEL BURN		Length, Both Turning, ft		57.28	
Length, in	47.60	Gallons per hr (GPH)	70-75	Width, Fuselage, ft		8.00	
Width, in	23.00	GPH Per Seat	7.77-8.33	Width, Widest Point, ft		9.38	
POWER RATING		RANGE		Width, Landing Gear, ft		8.67	
Uninstalled, sea level,shp	1800	Max Fuel, nm	336	Height, Top, Rotor Hub, ft		12.83	
TRANSMISSION RATING		Aux Fuel, No Res, nm		Height, Top, T/R Arc, ft		15.75	
Takeoff, shp	1290	Endurance	3.07hrs Std Fuel, No Res	Height, Top, Tail Fin, ft		11.52	
Max Continuous, shp	1130	ROTOR SYSTEM		Gr Clearance, T/R Guard, ft		5.75	
PERFORMANCE		Main Rotor	2	INTERNAL DIMENSIONS		CABIN	BAGGAGE
Service Ceiling, Hp, ft	20,000	Tail Rotor	2	Length, Max, ft		7.67	7.09
HIGE, ft, MGW, SL	7,800	Construction	Metal	Width, Max, ft		8.00	1.74
HIGE, ft, ISA +20deg	6,800			Height, Max, ft		4.33	2.26
ROC, fpm, 65 KIAS	1420			Volume, ft3		220.00	28.00
Econ Cruise, S/L, kts	110			WEIGHTS			
Vne, kts	130			Max Gross, lbs		11,200	
				Empty, lbs, Mission Typical		5,990	
				Useful load, lbs		5,210	
				External Load, lbs		5,000	
				Gross with Ext Load, lbs		11,200	

MORE CAPABILITY, ONE LESS ENGINE

PERFORMANCE

GIVING YOU MORE, WITH ONE LESS ENGINE

INCREASED PAYLOAD CAPACITY

ENJOY 212 MAX GROSS WEIGHT ALLOWANCE
WITH LOWER EMPTY WEIGHT

MAINTAINABILITY

USES CURRENT 205 & 212 PART NUMBERS
EASIER INSPECTIONS
LOWER DIRECT OPERATING COST

VALUE PRICED

AFFORDABLE ALTERNATIVE
CONFIGURED TO YOUR SPECIFICATIONS

EAGLE Single Typical Configuration (single engine Bell 212)

AVIONICS

Garmin GNS30 GPS/NAV/COM
King KY196A VHF Com
NAT AMS-42 Audio Panel
Garmin GTX-330 Transponder
Technisonic TFM550 FM Transceiver
DART Avionics Riser Console

ACCESSORIES

Dual Control
Bleed Air Heater
Cargo Hook
DART Cargo Mirror Kit
Co-Pilot External Cargo Hook Release
DART Bearpaws
DART Vertical Reference Door
DART Left Hand Seat STC
DART Shoulder Harness Kit
DART High Skid Gear
DART Cabin Door Roller Kit
DART Fuel Purge Canister

COMPONENT TIME REMAINING

Engine T53-17A or B 5000
Fuel Control 2500
Governor 3000
Main Rotor Straps 1200
Main Rotor Blades 4000
Transmission 6000
Servos 2500
Tail Rotor Hub 2500
Tail Rotor Blades 5000
42 Degree Gearbox 5000
90 Degree Gearbox 5000





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