

POWER PLANT

	Engine
UH-12E3	LYCOMING MODEL VO-540-C2A 6 CYLINDER OPPOSED

UH-12E3T	ALLISON MODEL 250 C20B TURBINE
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PERFORMANCE

Engine/Ship	Engine Derated To (SHP)	% Of Engine Potential Used	Range (No Reserve) AT 90 MPH	Endurance At 90 MPH	Speed VNE	Rate of Climb Feet Per Minute	Maximum Cruise Speed	Hover Ceiling 3100 LBS.	Service Ceiling Max. At 2800 LBS.
345	305	88.5	232 Miles W/Standard Fuel Capacity 433 Miles W/AUX Fuel Capacity	2.70 Hours W/Standard Fuel Capacity 5.00 Hours W/AUX Fuel Capacity	96 MPH 155 KPH	Maximum Vertical: 740 Maximum: 1290	90 MPH 145 KPH	In Ground Effect : 7,300 FT Out Of Ground Effect : 3,800 FT	15,000
420	301	72.6	171.9 Miles W/Standard Fuel Capacity 319 Miles W/AUX Fuel Capacity	1.91 Hours W/Standard Fuel Capacity 3.54 Hours W/AUX Fuel Capacity	96 MPH 155 KPH	Maximum Vertical: 967 Maximum: 1518	90 MPH 145 KPH	In Ground Effect : 8,600 FT Out Of Ground Effect : 5,600 FT	14,000

FUEL

Type	Capacity	Consumption Per Hour
UH-12E3 100/130 AVGAS	Standard: 46 USG, 174 Liters Each AUX. Tank: 20 USG, 75 Liters, (2 Max)	19 USG, 72 Liters
UH-12E3T 115/145 JET A	Standard: 46 USG, 174 Liters Each AUX. Tank: 20 USG, 75 Liters (2 Max)	24 USG, 91 Liters

WEIGHT

Maximum Takeoff	Empty	Useful Load
3,100 LBS, 1406 KG	1759 LBS, 797 KG	1341 LBS, 609 KG
3,100 LBS 1406 KG	1640 LBS, 745 KG	1460 LBS, 663 KG

STANDARD EQUIPMENT

- TRANSMISSION OIL PRESSURE GAUGE
- FUEL QUANTITY SYSTEM
- ENGINE HOUR METER
- OUTSIDE TEMPERATURE GAUGE
- FIRE EXTINGUISHER
- 8-DAY CLOCK
- EDGE LIGHTED INSTRUMENT PANEL
- ELECTRICALLY CONTROLLED TRIM SYSTEM
- ANTI-COLLISION LIGHTS
- NAVIGATION LIGHTS
- LANDING LIGHT
- TINTED PLEXIGLASS CANOPY
- FABRIC UPHOLSTRY/VINYL TRIM
- THREE (3) SEAT BELTS AND SHOULDER HARNESSSES
- LEAD/ACID BATTERY
- ALTERNATOR
- EXTERNAL POWER RECEPTACLE
- POLYURETHANE PAINT
- EXTENDED LANDING GEAR STRUTS
- GROUND HANDLING WHEELS
- CARGO HOOK HARD POINT

OPTIONAL EQUIPMENT

- DUAL CONTROLS
- QUICK-RELEASE CARGO HOOK
- RADIO
- ADF
- TRANSPONDER
- INSTANTANEOUS VERTICAL SPEED INDICATOR
- ARTIFICIAL HORIZON
- HEADSETS
- ENGINE MUFFLER
- CABIN HEAT AND DEFROSTER
- CYCLIC CONTROL GRIP
- SPRAY SYSTEM
- SPREADER SYSTEM
- EXTERNAL LITTER
- NIGHT LIGHTING EQUIPMENT
- LOUDSPEAKER SYSTEM
- FLOOR MATS
- AMPHIBIOUS LANDING GEAR
- REMOTE CONTROL SEARCH LIGHT
- CARGO RACKS
- STROBE LIGHTS
- CUSTOMIZED PAINT SCHEME
- SLIDING WINDOWS IN DOORS
- HYDRAULIC DRIVE KIT (TURBINE ONLY)
- AUTO REIGNITION KIT (TURBINE ONLY)
- PARTICLE SEPARATOR (TURBINE ONLY)