

# 480B



**ENSTROM**  
HELICOPTER CORPORATION



# ENSTROM 480B, Standard Equipment: \$1,064,900

## FUSELAGE

- ◆ Welded Steel Central Pylon
- ◆ Composite Cabin Assembly w/Two Removable Doors, Tinted Plexiglass Windscreens, Top & Side Windows
- ◆ Empennage w/Fixed Incidence Horizontal Stabilizer, Dual Composite Vertical Fins
- ◆ Skid Type Landing Gear w/Removable Ground Handling Wheels
- ◆ Landing Gear Cross Tubes & Four Individual Oleo Struts
- ◆ Landing Leg Fairings
- ◆ External Paint, (2) Color Paint Scheme
- ◆ Tail Rotor Extension Tube & Tail Rotor Guard
- ◆ Maintenance/Refuel Steps
- ◆ Entry Steps
- ◆ High Temperature Engine Doors

## POWERPLANT

- ◆ Rolls Royce Model 250-C20W Turboshaft Engine
- ◆ 150 Amp Starter/Generator
- ◆ Bendix Fuel Control
- ◆ Engine-Mounted Fuel Pump
- ◆ In Line Scavenge Oil Filter w/Visual Bypass Alert Button
- ◆ Six Quart Oil Tank
- ◆ Oil Cooler & Lines
- ◆ Vernier N<sub>2</sub> Trim Control Actuator
- ◆ Three Cubic Inch Accumulator
- ◆ Two Engine Chip Detectors
- ◆ Torque Measuring Transmitter
- ◆ Engine Oil Temp & Pressure Transducer
- ◆ Hour Meter with Collective Switch
- ◆ Engine Wash Kit

## INLET SYSTEM

- ◆ Dual Swirl Tube Particle Separators

## FUEL SYSTEM

- ◆ Two Composite Structural Bladder Compartments
- ◆ Two Individual Sump Drains
- ◆ Low Fuel Warning Transmitter
- ◆ Capacitance Fuel Quantity Measuring System
- ◆ Hinged Fuel Cap

## ROTOR HUBS AND CONTROLS

- ◆ Three Bladed Fully Articulated Rotor System With T/T Straps
- ◆ Corrosion Protected "On Condition" Aluminum Blades
- ◆ Internal Environmentally Protected Swashplate w/ "On Condition" Bearings
- ◆ Rapid Response Electro-Mechanical Trim System
- ◆ Planipetally Balanced Fully Adjustable Directional Pedal Controls
- ◆ N<sub>2</sub> Droop Compensator
- ◆ Tail Rotor Hub, Two Bladed Aluminum Tail Rotor w/ Stainless Steel Leading Edge Strip, Equipped w/Needle Teeter Bearings
- ◆ Standard Collective & Cyclic Mechanical Controls w/Low Friction Bearings
- ◆ Tracking Provisions

## ELECTRICAL EQUIPMENT

- ◆ 28 Volt DC System, 150 Amp Fully Circuit Breaker Protected
- ◆ 18 Amp Hour Lead Acid Battery
- ◆ Grounding Receptacle
- ◆ External Power Receptacle
- ◆ Night Lighting:
- ◆ Anti-Collision Strobes
- ◆ Overhead Dome Light
- ◆ Instrument Lights
- ◆ Position Lights
- ◆ Vertically Adjustable Landing Light, 250 Watt

## CABIN ACCOMMODATIONS

- ◆ Center Pedestal Instrument Console
- ◆ Centrally Located Radio Stack (10.0 inches)
- ◆ 5 Crew/Passenger Seats w/Belts & Shoulder Harnesses
- ◆ Ram Air Ventilation
- ◆ Map Pockets
- ◆ Carpet
- ◆ Sliding Vent Windows
- ◆ Two Pop-Out Vents, 1 per Opera Window

## INSTRUMENTS

- ◆ Airspeed Indicator
- ◆ Altimeter
- ◆ Electric Digital Chronometer
- ◆ Vertical Card Compass
- ◆ OAT Gauge
- ◆ Dual Tachometer
- ◆ Torque Indicator
- ◆ N<sub>1</sub> Indicator
- ◆ T.O.T. Indicator
- ◆ Fuel Quantity Indicator
- ◆ Transmission Oil Temp
- ◆ Engine Oil Temp/Press
- ◆ Dual Amp/Volt
- ◆ Master Caution Light
- ◆ Caution Panel (15 Segment)
- ◆ Warning Lights for Engine Out, Rotor RPM, and Fire
- ◆ Circuit Breakers & Bus
- ◆ Fire Detection System

## AVIONICS

- ◆ Avionics Master Switch
- ◆ Intercom Provisions
- ◆ Avionics Cooling Fan

## MISCELLANEOUS

- ◆ Baggage Compartment
- ◆ Dual Battery Location
- ◆ Operating Manuals:
- ◆ Aircraft Log Book
- ◆ Engine Log Book
- ◆ Engine Operating Manual\*
- ◆ Engine Parts Manual\*
- ◆ Aircraft Flight Manual
- ◆ Aircraft Maintenance Manual



## OPTIONAL EQUIPMENT

CODE	AIRCRAFT EQUIPMENT	PRICE	Weight (lbs)
HT -1	Fire Extinguisher (Aviation type)	\$490.00	5.6
HT -2	First Aid Kit	\$110.00	1.2
HT -3	Floor Switch (Intercom/Transmit)	\$450.00	0.2
HT-7	Custom Interior, Partial Leather Seats	\$5,250.00	NA
HT -8	Custom Interior, All Leather Seats	\$7,390.00	6
HT -9	Custom Paint Scheme	On Request	NA
HT -10	Shadin miniFlo Fuel Flow Totalizer	\$6,020.00	2.6
HT-13	De-mister	\$2,410.00	1.2
HT -14	Helmets (2) (Communications Capability and NVG Compatibility extra)	On Request	TBD
HT -15	High Visibility Paint Scheme, Main Rotor	\$1,210.00	NA
HT -16	High Visibility Paint Scheme, Tail Rotor	\$540.00	NA
HT -17	Additional Paint Color	\$2,040.00	NA
HT-18	Hour Meter to Record Engine Operating Time	\$400.00	0.5
HT-19	Bleed Air Heater Defroster	\$17,950.00	11
HT-20	Baggage Compartment Extension	\$1,710.00	3.2
HT-21	Storage Tray	\$700.00	1.5
HT-22	Pneumatic Door Openers, Cabin (Set)	\$1,020.00	0.8
HT-23	Pneumatic Door Openers, Engine Compartment (Set)	\$810.00	0.7
HT -24	Airframe Fuel Filter	\$4,720.00	6.25
HT-25	Cockpit Overhead Cooling Fan	\$2,440.00	2.25
HT-26	Dual Controls	\$13,500.00	10
HT-27	TH-48 IFR Instrument Panel	On Request	TBD
HT-28	Blade Tape	\$1,220.00	TBD
HT-29	APU Access Door	\$630.00	TBD
HT-30	Air Conditioner (2 Evaporator – 3 Evaporator add \$5000)	\$37,500.00	74.4
HT-31	Anti-Collision Beacon; Whelen LED 70905 Series - Top and Bottom	\$4,720.00	TBD
HT-33	2nd Set of Solid Engine Doors	\$2,290.00	TBD
HT-34	Vinyl Flooring to Replace Carpet	On Request	TBD
HT-35	Single Ground Handling Wheel Configuration	\$1,820.00	TBD
	<b>AVIONICS</b>		
AT-1	David Clark Headsets H10-30 (Each)	\$590.00	1.4
AT-2	David Clark Headsets H10-56 (Each)	\$750.00	1.4
AT-3	Bose Series X Active Noise Canceling Headsets (Each)	\$1,490.00	1.2
AT-4	Bose Series X/Zulu P Interface Unit Only (Each)	\$1,020.00	TBD
AT-5	Lightspeed Zulu Headset	\$1,300.00	TBD
AT-6	Lightspeed Zulu P Headset	\$1,430.00	TBD
AT-7	PS Engineering PM 1000 VOX Intercom (Mono)	\$2,010.00	0.75
AT-8	PS Engineering PM 3000 VOX Intercom (Stereo)	\$2,270.00	0.75
AT-9	PS Engineering PMA8000B Audio Panel	\$4,890.00	3.5
AT-10	NAT AMS 44 Audio/Switch Panel	\$8,620.00	TBD
AT-11	Garmin GMA 340 Audio Panel (w/Marker Beacon add \$850.00)	\$4,850.00	1.7
AT-12	Garmin GNS 530 GPS/COM	\$22,550.00	8.75
AT-13	Garmin GNS 530 GPS/COM/NAV (With GI-106 Indicator)	\$28,860.00	9.2
AT-14	Garmin GNS 430 GPS/COM	\$17,710.00	8.35
AT-15	Garmin GNS 430 GPS/COM/NAV (With GI-106 Indicator)	\$22,050.00	8.8
AT-16	Garmin GTX 327 Mode C Transponder	\$3,990.00	3.1
AT-17	King KY 196A (24 V) Com	\$8,530.00	4.2
AT-19	King KX 155A Nav/Com with KI 208 VOR/LOC	\$12,810.00	8.7
AT-20	King KX 155A Nav/Com with KI 209 VOR/LOC/GS	\$13,790.00	8.9
AT-21	Skyforce Color Skymap Model IIIC, Moving Map/GPS	\$6,940.00	TBD
AT-22	KCS 55A Compass System with KI 525 HSI	\$24,080.00	4.58
AT-23	King KMD 150MFD with GPS/Color Moving Map	\$9,580.00	5.9

CODE	AVIONICS (continued)		Weight (lbs)
AT-24	King KR 87 ADF (Digital) with KI 227	\$11,000.00	5.7
AT-25	King KT 76A Transponder	\$3,950.00	4.2
AT-26	King KT 76C Transponder	On Request	3.2
AT-27	King KRA 405B-15 Dual Antenna Radar Altimeter	\$31,200.00	TBD
AT-29	Emergency Locator Transmitter, Ameri-King AK-451, 406 MHz	\$3,950.00	TBD
AT-30	Garmin GMX200 MFD (traffic add \$2,300)	\$15,880.00	3.5
AT-31	UPS SL40 COM	\$4,580.00	2.8
AT-32	UPS SL30 NAV/COM w_MD200-306 Indicator	\$15,640.00	TBD
AT-33	ACK A-30 Blind Encoder	\$1,020.00	1.5
AT-34	NAT NPX 138 FM Transceiver	\$12,200.00	3.75
AT-35	12 Volt Converter with Two Outlets	\$1,180.00	0.15
AT-36	Emergency Locator Transmitter, Pointer Model 3000-10A	\$2,630.00	3.1
AT-37	Garmin GTX 330 Transponder	\$6,810.00	4.3
AT-38	Garmin GTX 330 Transponder w/display on MFD	\$7,300.00	4.4
AT-39	Garmin GTX 330D Transponder	\$13,730.00	4.4
AT-40	PS Engineering PAV 80 CD-DVD-FM Radio	\$5,370.00	2.4
AT-41	Emergency Locator Transmitter, Artex C406-1 HM	\$8,510.00	TBD
AT-42	Chelton EFIS System	\$104,900.00	TBD
AT-43	Traffic Addition for Chelton EFIS System	\$3,540.00	TBD
AT-44	Avidyne TAS 600 Traffic System	\$18,520.00	TBD
AT-45	Garmin GDL-69 Satellite Weather System	\$6,760.00	TBD
AT-46	Garmin GDL-69A Satellite Weather and XM Radio System	\$8,530.00	TBD
AT-47	WSI AV-300 Satellite Weather System	\$7,920.00	TBD
	<b>AIRCRAFT FLIGHT EQUIPMENT</b>		
ET-1	AIM 1200-1RS(8D) Electric Attitude Gyro	\$9,690.00	3.1
ET-2	AIM 205-1BL Electric Directional Gyro (24V)	\$9,140.00	3
ET-3	Turn & Slip, MC-3TZ	\$1,950.00	1.7
ET-4	RC Allen 26 BK-2-8 Attitude Gyro	\$4,270.00	2.2
ET-5	RC Allen 15 BK-1 Directional Gyro	\$4,120.00	2.3
ET-6	Vertical Speed Indicator	\$1,030.00	1.4
	<b>SPECIAL MISSION EQUIPMENT</b>		
MT-1	Emergency Pop-out Floats	\$68,810.00	104
MT-2	Build-up for Emergency Float Installation	\$6,140.00	12.9
MT-5	Onboard Systems Cargo Hook	\$10,930.00	11.56
MT-6	Cargo Hook Provisions Only	\$4,000.00	2.48
MT-7	NVG Compatible Cockpit	On Request	TBD
MT-8	Internal Litter Kit	\$115,780.00	TBD
MT-9	FLIR Ultra 8000 (International Price On Request)	\$300,150.00	72.80
MT-10	FLIR Ultra 8500 (International Price On Request)	\$351,500.00	72.8
MT-11	Gyrocam DS (International Price On Request)	\$411,570.00	84.9
MT-12	Camera Mount Provisions	\$8,330.00	
MT-13	Starburst SX-5 Searchlight	\$47,670.00	32.5
MT-14	Nightsun SX-16 Searchlight	\$52,970.00	42.5
MT-15	NAT PA and Siren System	\$17,470.00	TBD
MT-17	Snow Shoes (AFT Shoes Only, Add \$1,450 for Front Shoes)	\$3,020.00	30
MT-20	Avalex 9" Rugged Display Monitor	\$14,110.00	3.9
MT-21	Avalex 12.1" Rugged Display Monitor	On Request	6
MT-22	Avalex Digital Recorder	\$13,850.00	9.4
MT-23	Avalex Articulating Arm	\$5,110.00	1.8
	<b>SHIPPING PREPARATION</b>		
ST-1	Break Down & Crating for Airfreight	\$9,580.00	N/A
ST-3	Break Down & Crating for Oceanfreight	\$5,300.00	N/A
ST-3	Ferry	TBD	N/A

