



ENSTROM
HELICOPTER CORPORATION

480B



ENSTROM 480B, Standard Equipment: \$889,500

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

POWERPLANT

- ◆ Rolls Royce Model 250-C20W Turboshaft Engine
- ◆ 150 Amp Starter/Generator (Cooling Limited to 110 Amps)
- ◆ 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 N₂ 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
- ◆ N₂ 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, 110 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, Astrotech LC-2
- ◆ Vertical Card Compass
- ◆ OAT Gauge
- ◆ Dual Tachometer
- ◆ Torque Indicator
- ◆ N₁ 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

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
- ◆ Parts Manual

* Provided by Rolls Royce



OPTIONAL EQUIPMENT

| CODE | AIRCRAFT EQUIPMENT | PRICE | Weight (lbs) |
|--------|---|-------------|--------------|
| HT -1 | Fire Extinguisher (Aviation type) | \$390.00 | 5.6 |
| HT -2 | First Aid Kit | \$90.00 | 1.2 |
| HT -3 | Floor Switch (Intercom/Transmit) | \$390.00 | 0.2 |
| HT -8 | Custom Interior, All Leather Seats | \$6,170.00 | 6 |
| HT -9 | Custom Paint Scheme | On Request | NA |
| HT -10 | Shadin miniFlo Fuel Flow Totalizer | \$4,900.00 | 2.6 |
| HT-13 | De-mister | \$2,030.00 | 1.2 |
| HT -14 | Helmets (2) (Communications Capability and NVG Compatibility extra) | On Request | TBD |
| HT -15 | High Visibility Paint Scheme, Main Rotor | \$975.00 | NA |
| HT -16 | High Visibility Paint Scheme, Tail Rotor | \$425.00 | NA |
| HT -17 | Additional Paint Color | \$1,650.00 | NA |
| HT-18 | Hour Meter to Record Engine Operating Time | \$310.00 | 0.5 |
| HT-19 | Bleed Air Heater Defroster | \$16,500.00 | 11 |
| HT-20 | Baggage Compartment Extension | \$1,380.00 | 3.2 |
| HT-21 | Storage Tray | \$560.00 | 1.5 |
| HT-22 | Pneumatic Door Openers, Cabin (Set) | \$850.00 | 0.8 |
| HT-23 | Pneumatic Door Openers, Engine Compartment (Set) | \$650.00 | 0.7 |
| HT -24 | Airframe Fuel Filter | \$3,850.00 | 6.25 |
| HT-25 | Cockpit Overhead Cooling Fan | \$1,990.00 | 2.25 |
| HT-26 | Dual Controls | \$11,350.00 | 10 |
| HT-27 | TH-48 IFR Instrument Panel | On Request | TBD |
| HT-28 | Blade Tape | \$1,060.00 | TBD |
| HT-29 | APU Access Door | \$500.00 | TBD |
| HT-30 | Air Conditioner (2 Evaporator – 3 Evaporator add \$5000) | \$32,670.00 | 74.4 |
| HT-31 | Chelton EFIS System | \$91,500.00 | TBD |
| | AVIONICS | | |
| AT-1 | David Clark Headsets H10-30 (Each) | \$490.00 | 1.4 |
| AT-2 | David Clark Headsets H10-56 (Each) | \$600.00 | 1.4 |
| AT-3 | Bose Series X Active Noise Canceling Headsets (Each) | \$1,250.00 | 1.2 |
| AT-4 | Bose Series X Interface Unit Only (Each) | \$850.00 | TBD |
| AT-5 | PS Engineering PM 1000 VOX Intercom (Mono) | \$1,620.00 | 0.75 |
| AT-6 | PS Engineering PM 3000 VOX Intercom (Stereo) | \$1,850.00 | 0.75 |
| AT-9 | PS Engineering PMA7000B Audio Panel | \$3,180.00 | 3.5 |
| AT-10 | Garmin GMA 340 Audio Panel (w/Marker Beacon add \$500.00) | \$3,950.00 | 1.7 |
| AT-11 | Garmin GNS 530 GPS/COM | \$18,400.00 | 8.75 |
| AT-12 | Garmin GNS 530 GPS/COM/NAV (With Indicator) | \$25,100.00 | 9.2 |
| AT-13 | Garmin GNS 430 GPS/COM | \$13,900.00 | 8.35 |
| AT-14 | Garmin GNS 430 GPS/COM/NAV (With Indicator) | \$17,200.00 | 8.8 |
| AT-15 | Garmin GTX 327 Mode C Transponder | \$3,240.00 | 3.1 |
| AT-16 | King KMA 24H-71 Audio Panel | On Request | 2 |
| AT-17 | King KY 196A (24 V) Com | \$6,950.00 | 4.2 |
| AT-19 | King KX 155A Nav/Com with KI 208 VOR/LOC | \$10,440.00 | 8.7 |
| AT-20 | King KX 155A Nav/Com with KI 209 VOR/LOC/GS | \$11,240.00 | 8.9 |
| AT-21 | Skyforce Color Skymap Model IIIC, Moving Map/GPS | \$5,650.00 | TBD |
| AT-22 | KCS 55A Compass System with KI 525 HSI | \$18,750.00 | 4.58 |
| AT-23 | King KMD 150MFD with GPS/Color Moving Map | \$7,440.00 | 5.9 |
| AT-24 | King KR 87 ADF (Digital) with KI 227 | \$8,970.00 | 5.7 |
| AT-25 | King KT 76A Transponder | \$3,210.00 | 4.2 |

OPTIONAL EQUIPMENT

| CODE | AVIONICS (continued) | PRICE | Weight (lbs) |
|----------------------------------|--|--------------|--------------|
| AT-26 | King KT 76C Transponder | On Request | 3.2 |
| AT-28 | King KA 33 Avionics Cooling Fan | \$1,050.00 | 1.3 |
| AT-29 | Emergency Locator Transmitter, Ameri-King AK-450 | \$1,450.00 | 2.63 |
| AT-30 | Garmin GMX200 MFD (traffic add \$2,550) | \$12,950.00 | 3.5 |
| AT-31 | UPS SL40 COM | \$3,730.00 | 2.8 |
| AT-32 | ACK A-30 Blind Encoder* | \$820.00 | 1.5 |
| AT-33 | NAT AMS 44 Audio/Switch Panel | \$7,020.00 | 1.9 |
| AT-34 | NAT NPX 138 FM Transceiver | \$9,950.00 | 3.75 |
| AT-35 | 12 Volt Converter with Two Outlets | \$950.00 | 0.15 |
| AT-36 | Emergency Locator Transmitter, Pointer Model 3000-10A | \$2,250.00 | 3.1 |
| AT-37 | Garmin GTX 330 Transponder | \$5,550.00 | 4.3 |
| AT-38 | Garmin GTX 330 Transponder w/display on MFD | \$5,950.00 | 4.4 |
| AT-39 | Garmin GTX 330D Transponder | \$11,200.00 | 4.4 |
| AT-40 | PS Engineering PAV 80 CD-DVD-FM Radio | \$4,370.00 | 2.4 |
| AT-41 | Emergency Locator Transmitter, Artex C406-1 HM | \$6,580.00 | TBD |
| AIRCRAFT FLIGHT EQUIPMENT | | | |
| ET -1 | AIM 1200-1RS(8D) Electric Attitude Gyro | \$7,890.00 | 3.1 |
| ET-2 | AIM 205-1BL Electric Directional Gyro (24V) | \$7,450.00 | 3 |
| ET-3 | Turn & Slip, MC-3TZ | \$1,580.00 | 1.7 |
| ET-4 | RC Allen 26 BK-2-8 Attitude Gyro | \$3,470.00 | 2.2 |
| ET-5 | RC Allen 15 BK-1 Directional Gyro | \$3,350.00 | 2.3 |
| ET-6 | Vertical Speed Indicator | \$830.00 | 1.4 |
| SPECIAL MISSION EQUIPMENT | | | |
| MT-1 | Emergency Pop-out Floats | \$56,150.00 | 104 |
| MT-2 | Build-up for Emergency Float Installation | \$5,000.00 | 12.9 |
| MT-5 | Cargo Hook | \$8,910.00 | 11.56 |
| MT-6 | Cargo Hook Provisions Only | \$3,250.00 | 2.48 |
| MT-7 | NVG Compatible Cockpit | On Request | TBD |
| MT-8 | Internal Litter Kit | On Request | TBD |
| MT-9 | FLIR Ultra 8000 (International Price On Request) | \$245,000.00 | 72.8 |
| MT-10 | FLIR Ultra 8500 (International Price On Request) | \$337,500.00 | 72.8 |
| MT-11 | Gyrocams DS (International Price On Request) | \$335,950.00 | 84.9 |
| MT-12 | Camera Mount Provisions | \$6,790.00 | TBD |
| MT-13 | Starburst SX-5 Searchlight | \$38,900.00 | 32.5 |
| MT-14 | Nightsun SX-16 Searchlight | \$42,500.00 | 42.5 |
| MT-15 | NAT PA and Siren System | \$14,250.00 | TBD |
| MT-17 | Snow Shoes (AFT Shoes Only, Add \$1,300 for Front Shoes) | \$2,450.00 | 30 |
| MT-20 | Avalex 9" Rugged Display Monitor | \$11,500.00 | 3.9 |
| MT-21 | Avalex 12.1" Rugged Display Monitor | On Request | 6 |
| MT-22 | Avalex Digital Recorder | \$11,290.00 | 9.4 |
| MT-23 | Avalex Articulating Arm | \$4,150.00 | 1.8 |
| SHIPPING PREPERATION | | | |
| ST-1 | Break Down & Crating for Airfreight | \$7,950.00 | N/A |
| ST-3 | Break Down & Crating for Oceanfreight | \$4,500.00 | N/A |
| ST-3 | Ferry | TBD | N/A |



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