

SERIAL NUMBER: 5236

REGISTRATION: N/A

UNIT NO: 1268

Shipping Option: Ocean Freight

THE ENSTROM HELICOPTER CORPORATION

BUILD ORDER
REV C

DATE: 12/4/15

CUSTOMER: Chongqing General Aviation Industry Group Co., LTD

ADDRESS: No.60, Middle Huangshan Road, New North Zone, Chongqing, PRC

AIRCRAFT MODEL: 480B

_____ DISTRIBUTION: Ship File, Michael Erdmann, Purchasing (2-D, 1-S), John Leanna,
Chariah Monasmith, Production Control (5), Manufacturing (Matt Francour, Don Cugini, Joe Boburka,
Scott Hartwig-2) Michael Maus, Mark Florek, Engineering, Avionics, QA (Doug Smith, Jon LaCasse,
Sheryl Steiner, F. Oczus), Robert Manty, Steve Hubert, Clint Hoefgen-2, Paint

Revision C Information

1. Changed interior color.

Revision B Information

1. Changed interior color.

Revision A Information

1. Confirmed customer's interior choice.
2. Removed inclinometer ball & post light from instrument panel depiction.



ENSTROM
HELICOPTER CORPORATION

PA No: 480B-Chin82715DMJ-04

Customer **CGAG**

Name _____

Company _____

Address _____

City _____

State _____

ZIP _____

Phone _____

Country **China**

Misc

Date. _____

8/27/2015

Order No. _____

Resp. _____

Acceptance _____

DMJ

Factory

Qty	Description	Unit Price	TOTAL
	<u>Helicopter</u>		
1	Enstrom Model 480B, 2015 Base Price, S/N 5236		
	Pricing is subject to a/c availability and prior sale.		
1	Paint Credit - Aircraft to be shipped green		
	<u>Optional Aircraft Equipment</u>		
1	HT-1 Fire Extinguisher (Aviation Type)		
1	HT-2 First Aid Kit		
1	HT-8 Custom Interior, All Leather Seats		
1	HT-15 High Visibility Paint Scheme, Main Rotor		
1	HT-16 High Visibility Paint Scheme, Tail Rotor		
1	HT-19 Bleed Air Heater/Defroster		
1	HT-20 Baggage Compartment Extension		
1	HT-21 Storage Tray		
1	HT-22 Pneumatic Door Openers, Cabin (Set)		
1	HT-23 Pneumatic Door Openers, Engine Compartment (Set)		
1	HT-24 Airframe Fuel Filter		
1	HT-26 Dual Controls		
1	HT-28 Blade Tape		
1	HT-29 APU Access Door		
1	NPN - Battery upgrade		
	<u>Avionics</u>		
2	AT-1 David Clark Headsets H10-30		
1	AT-29 Ameri-King 451 406 Mhz ELT		
1	AT-33 ACK A-30 Blind Encoder		
1	AT-50 Garmin GTN 650 GPS/COM		
1	AT-53 Garmin GNC 255A NAV/COM WMD200-306		
1	NPN Garmin GMA 350H Audio Panel		
1	AP-16 Garmin GTX 327 Mode C Transponder		
	<u>Aircraft Flight Equipment</u>		
1	ET-6 Vertical Speed Indicator		
1	NPN Castleberry Attitude Gyro (Ground Pointer)		
	<u>Shipping</u>		
1	Breakdown and crating for Oceanfreight		



ENSTROM HELICOPTER CORPORATION

Twin County Airport, 2209 22nd Street, Menominee, MI 49858-0490, U.S.A.
Phone: 906-863-1200, Fax: 906-863-6821, Website: www.enstromhelicopter.com

ENSTROM 480B, HELICOPTER STANDARD EQUIPMENT BUILD LIST

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 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, 150 Amp Fully Circuit Breaker Protected
- 18 Amp Hour Lead Acid Battery
- Grounding Receptacle

ELECTRICAL EQUIPMENT (continued):

- External Power Receptacle
- Night Lighting:
 - Anti-Collision Strobes
 - Overhead LED Dome Light
 - Instrument Lights
 - LED Position Lights
 - Vertically Adjustable Landing Light, LED
 - Landing Light "ON" Indication

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 Clock
- 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 (LED)
- 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
 - Parts Manual

* Provided by Rolls Royce

B102003-004

SPECIAL INSTRUCTIONS

1. Com 1 Garmin GTN 650 in upper panel (NAV function disabled)
2. Com 2 Garmin GNC 255A in lower panel
3. Extra set of exterior placards (craft is being shipped green)
4. ELT Country Code is 412
5. Include Blade Tape Repair Kit (28-14141-1) and Extra Hardware in loose equipment
6. Sealed battery (7641-20) to replace non-sealed battery (G-641).
7. Include X109HT and X1333HT replacement cabin door seals per drawing 4118310, and export paperwork for replacement of seals after painting in country.
8. Storage Shelf includes baggage straps and clips
9. LED positioning lighting to become build standard see updated build standard sheet
10. GMA 350H to be wired in mono

PAINT & Placards

Aircraft to be shipped without being painted.

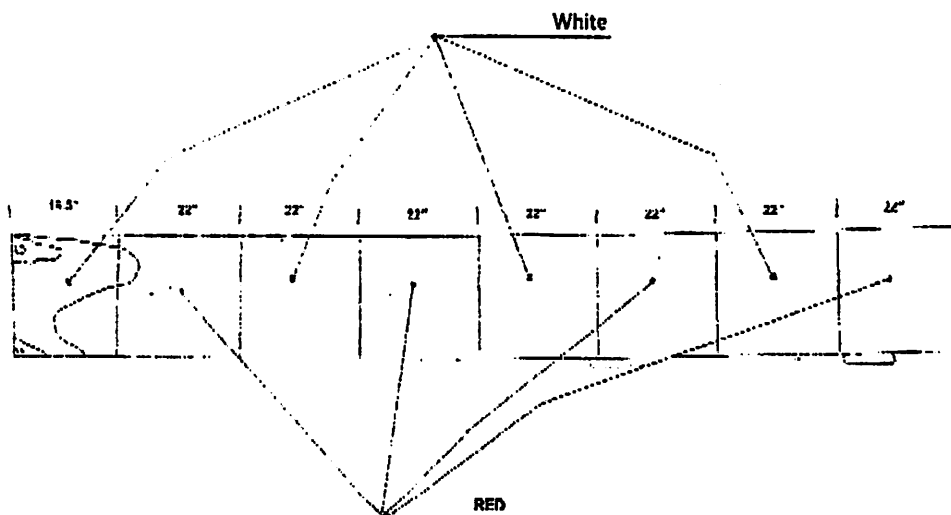
Placards –

Color - Black

Note:4220608 Placards are to be installed in Chinese/English in accordance with Installation Drawing 4220636 as follows. Purchase and approve per drawing requirements.

ENSTROM HELICOPTER MAIN ROTOR BLADE PAINT CONFIGURATION

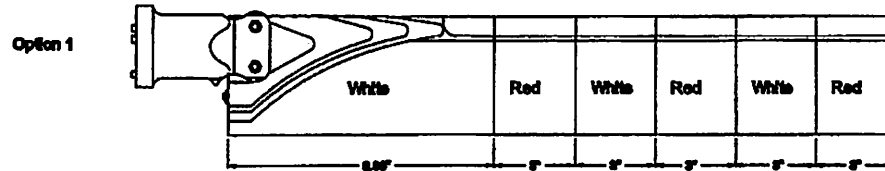
Customer CGAG



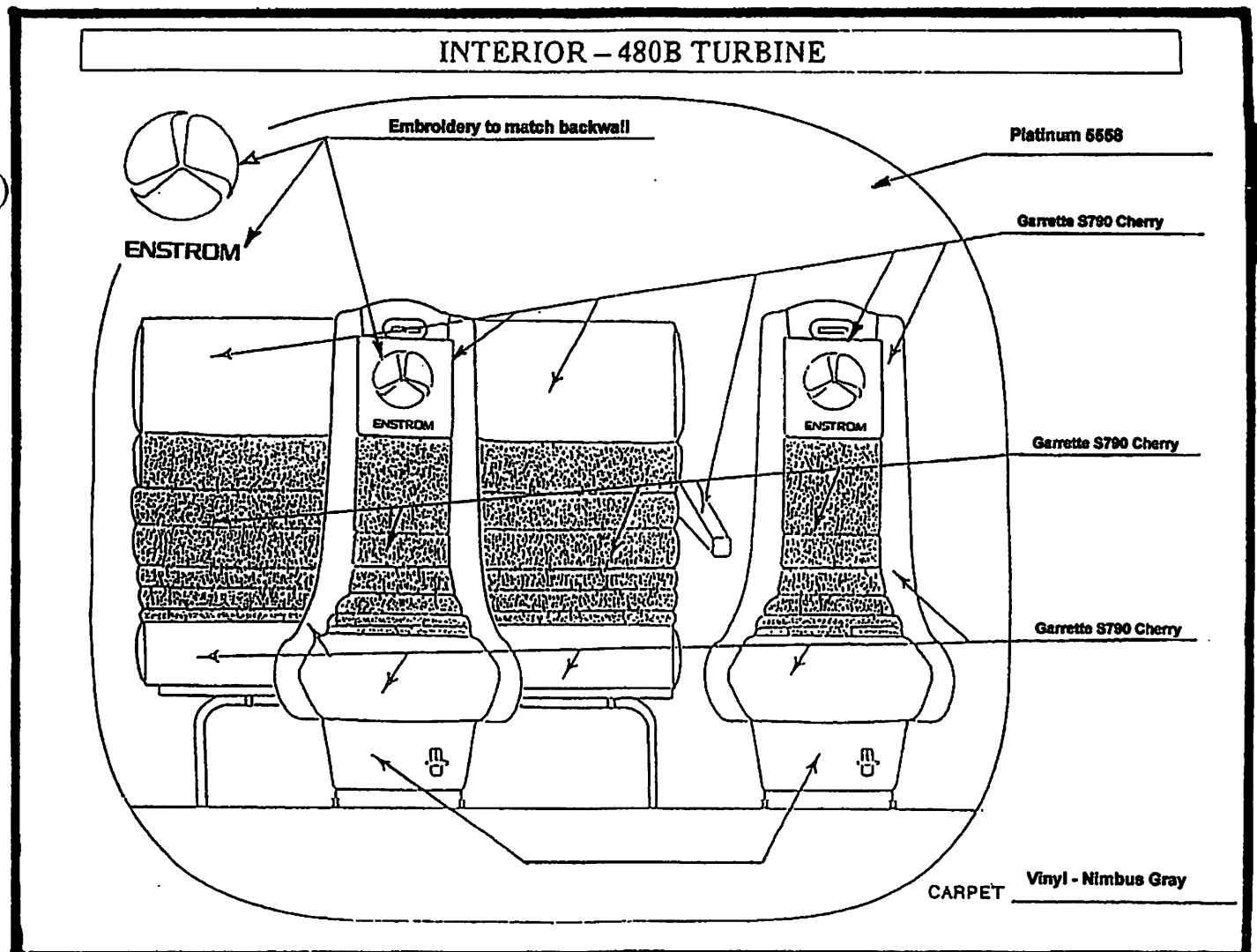
ENSTROM HELICOPTER CORP.

Tail Rotor Paint Configurations

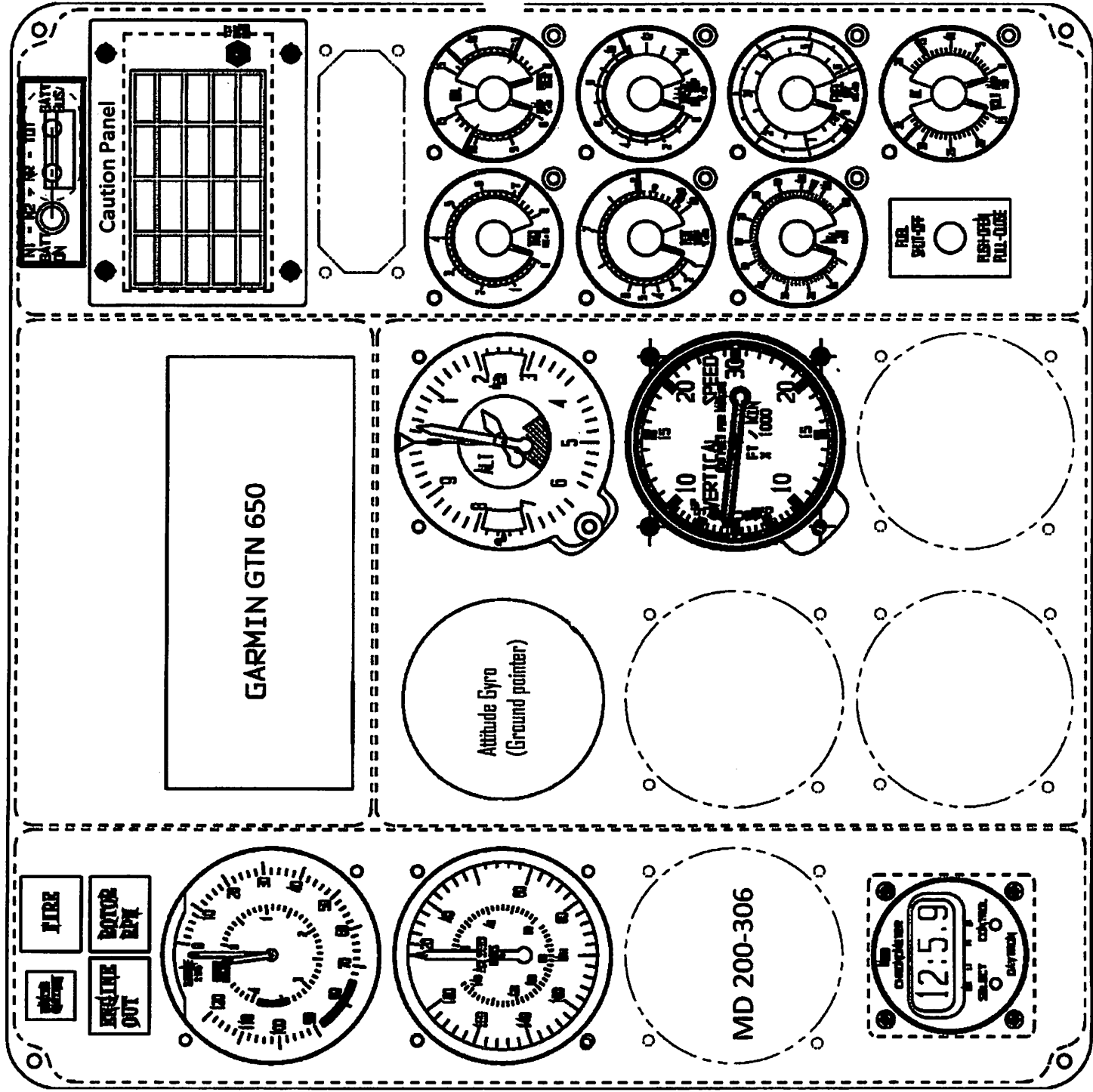
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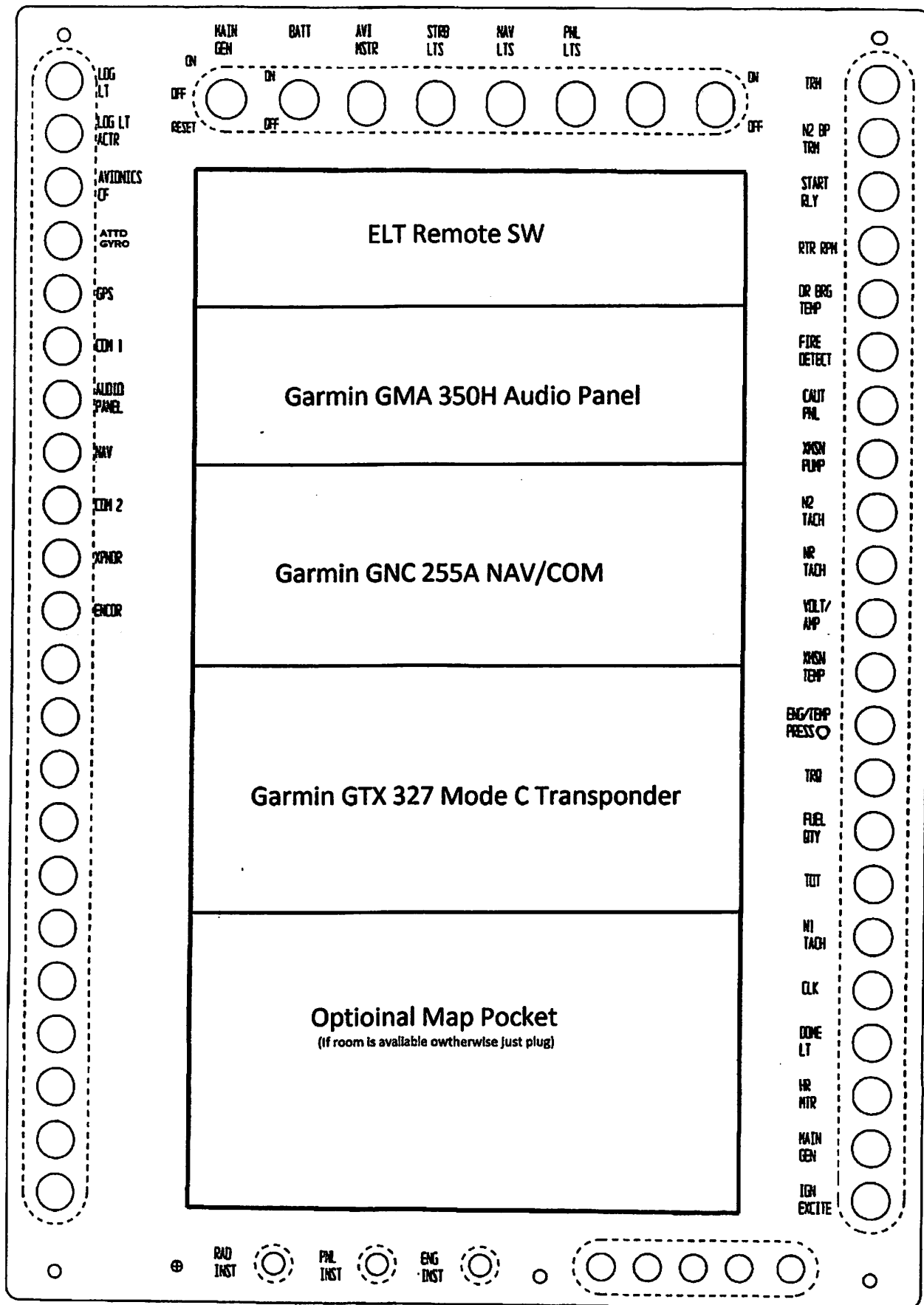


INTERIOR-



Panel depictions are for reference only





CYCLIC GRIP CONFIGURATION

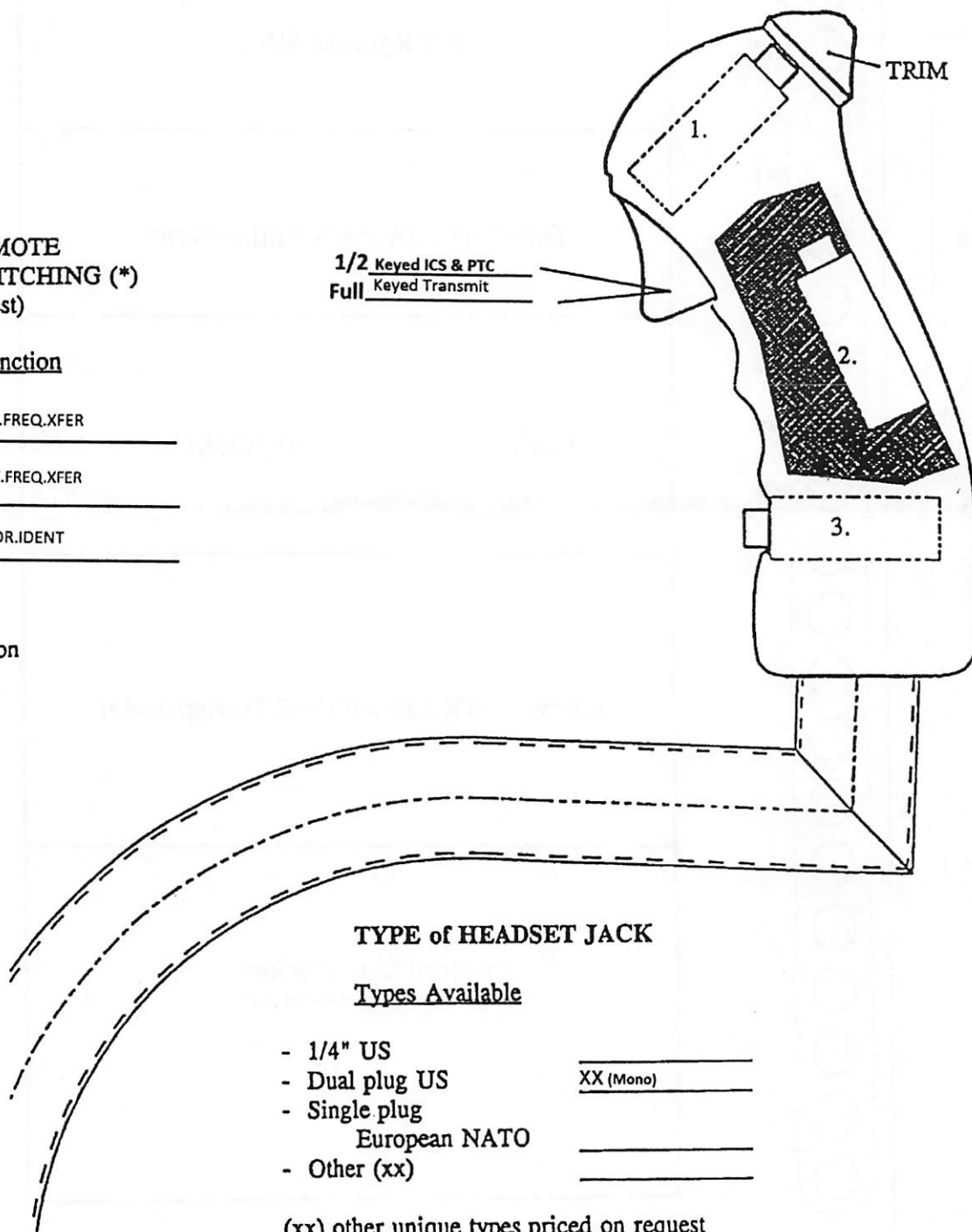
Customer CGAG

OPTIONAL REMOTE
TRANSFER SWITCHING (*)
(Priced on Request)

Switch	Function
1.	COM 1 RMT.FREQ.XFER
2.	COM 2 RMT.FREQ.XFER
3.	RMT.XPDR.IDENT

* For example:
Navigation
Communication
GPS
Transponder

1/2 Keyed ICS & PTC
Full Keyed Transmit



TYPE of HEADSET JACK

Types Available

- 1/4" US
- Dual plug US XX (Mono)
- Single plug
- European NATO
- Other (xx)

(xx) other unique types priced on request



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