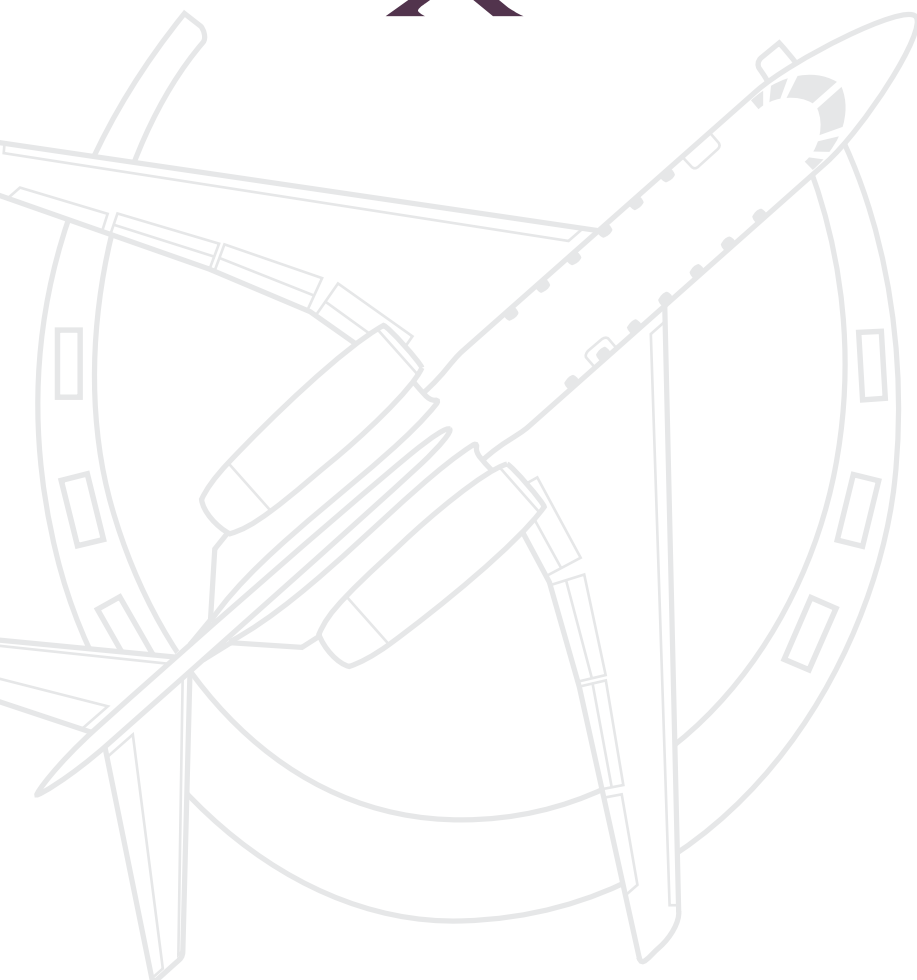


**CITATION**

**X**



# Optional Equipment Selection Guide

Effective for Aircraft to be Delivered in 2009  
April 2008

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# **OPTIONAL EQUIPMENT SELECTION GUIDE**

**EFFECTIVE FOR AIRCRAFT TO BE DELIVERED IN 2009**

**APRIL 2008**

April 2008

**INTRODUCTION**

**This list is to be used in conjunction with the applicable Specification and Description. Cessna reserves the right to add, modify, or delete options without prior notification.**

**NOTES:**

**1. "Provisions Only" Statement of Understanding**

At Purchaser's request, Seller may agree to make provisions for a system in the Aircraft. Seller will do this in order to facilitate completion of the system at a time preferable for Purchaser subsequent to delivery.

Purchaser understands and agrees that Seller's liability for any such provision is governed by the warranty expressed in the Purchase Agreement. In addition, if Purchaser has the Aircraft modified to upgrade a provisional configuration to a fully functional configuration, Seller will warrant the functioning of the modified configuration if, and only if, the modification is accomplished at a factory-owned Cessna Citation Service Center.

Purchaser further understands that the provisions made are designed to accommodate a system as defined at present by Seller, and that Seller reserves the right to discontinue or change any system without notice. Accordingly, Purchaser acknowledges that the equipment required to render a provisional installation fully functional may not be available in the future and in such a case Seller bears no obligation to substitute for, remove, or complete the provisional installation.

2. Purchaser acknowledges that Seller assumes no responsibility or liability for equipment installed on the Aircraft in addition to the standard aircraft at a completion center other than the factory or authorized Citation Service Centers.

3. Optional equipment and vendors are subject to change without notice.

**DEFINITIONS:**

- 1. STD = Standard equipment
- 2. N/C = No additional charge
- 3.  nnnn = Factory kit number for optional equipment
- 4. TBD = To be defined
- 5. CRQ = Custom request
- 6. N/A = Not applicable

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**AIRCRAFT PROFILE**

**AIRCRAFT CERTIFICATION AND OPERATIONAL APPROVAL**

Aircraft Certification: If the Purchaser elects to meet the certification criteria other than those required for U.S. FAA 14 CFR Part 25—Transport Category (day, night, VFR, IFR), compliance may necessitate airframe modifications and additional systems. Certification Kits are, or will be, available to meet the type design requirements set forth by the relevant civil aviation authority, at an additional charge.

Aircraft Operating Approval: The Purchaser is responsible for obtaining aircraft operating approval from the relevant civil authority. Additional equipment or airframe modifications, dependent upon the range and location of

the planned operations, may be identified by that authority (various regions within one country may have differing requirements).

International Certification: The Purchaser must furnish to Cessna the country of Aircraft registration, a properly assigned or designated aircraft registration with the applicable Mode S code identification and any additional equipment or systems (if different from those mandated by the FAA for a similar operational category) required for the category of registration intended (e.g., private, commercial).

The Purchaser is responsible for added aircraft modifications and expense. International Certification Kit information is available upon request.

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Operator:  Corporate or  Private

Registration:  U.S. or  Other (specify): \_\_\_\_\_

Operation:  Commercial  Private  Fractional

Two Crew or  Single Pilot

Total passengers seats required for takeoff and landing: \_\_\_\_\_

Operating rules:  Part 91  Part 91K  Part 135  JAR-OPS 1  Other (specify): \_\_\_\_\_

Region(s) of operation (check all that apply):

North America  South America  Europe  Middle East  Africa  Asia  Australia

Caribbean  Atlantic  Pacific

Other: \_\_\_\_\_

Expected navigation capability requirements:  
(e.g., MNPS, RNP, PRNAV, BRNAV, GPS, Primary Means, Steep Approach): \_\_\_\_\_

Interested in RVSM Services program (begins 3 to 4 months prior to delivery)

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FLIGHT DECK - AVIONICS		Price (USD)	Estimated Weight (lb)	Warranty* (Years)
<b>RADIOS: SHORT RANGE NAVIGATION / COMMUNICATION</b>				
STD	<b>Integrated Primus II Package – Honeywell</b> – Provides a dual Primus II SRZ-850 Integrated Radio System. The Primus II system consists of dual Radio Management Units (RM-855), dual digital audio control panels (AV-850), dual navigation units (RNZ-850), and dual communication units (RCZ-833). The RNZ-850 navigation system meets FM immunity requirements and provides dual VOR, ILS, G/S, DME, and single ADF. The RCZ-833 communication system provides dual Mode S Diversity Transponders with Enhanced Surveillance capability and dual VHF Comms capable of supporting 8.33 kHz and 25 kHz channel spacing.	N/C	0.0	5
☐658Z	<b>Second ADF – Honeywell</b> – Provides a second ADF-850 receiver for the Honeywell Primus II system and second ADF antenna. The integrated NAV receiver with ADF replaces the standard NAV receiver. Controls for the second ADF receiver are incorporated in the panel mounted Radio Management Units.	\$11,000	8.8	5
<b>FLIGHT MANAGEMENT SYSTEMS (FMS)</b>				
STD	<b>Dual Primus 2000 Flight Management System – Honeywell</b> – System integrates into the IAC computers with CD-820 LCD control display units as standard, utilizing dual Honeywell 12-channel GPS receivers and dual LASEREF IV laser gyro-based inertial navigation systems for long range positioning sensors. FMSs meet RNP5/BRNAV, RNP10, oceanic/remote, and NAT MNPS operational requirements. A comprehensive navigation database is included with complimentary one-year database update service.	N/C	0.0	5
<b>HIGH-FREQUENCY COMMUNICATION</b>				
STD	<b>HF-1050 – Honeywell</b> – Provides 280,000 channels from 2.0 to 29.999 MHz. A control head is provided in the pedestal for system control and frequency management. Audio positions are provided in the aircraft audio system. Includes provisions for a second HF-1050 (reference Note 1 on Page 1).	N/C	0.0	5
☐632K	<b>Second HF-1050 – Honeywell</b> – Provides a complete second high frequency transceiver similar to the primary system described above. A second control head is provided and is installed in the instrument panel.	\$52,300	30.3	5
STD	<b>CSD-714 SELCAL – Avtech</b> – Monitors up to four communication channels for incoming signals. This includes VHF1, VHF2, HF1, and HF2.	N/C	0.0	5

\* Equipment supplied by the identified Supplier within a requested option will receive the limited warranty for the period specified in this Optional Equipment Selection Guide. All other associated components of the requested option (wiring, cables, racks, etc.), from other than the stated Supplier, will receive a limited warranty for a period of one year.

<b>FLIGHT DECK - AVIONICS (Continued)</b>		<b>Price (USD)</b>	<b>Estimated Weight (lb)</b>	<b>Warranty* (Years)</b>
<b>AIRBORNE FLIGHT INFORMATION SYSTEMS</b>				
STD	<b>AFIS-Honeywell</b> – AFIS interfaces to the Honeywell FMSs to provide the ability to generate flight plans, amend plans en route, send and receive flight related messages and receive weather/wind updates. Also provides uplinked graphical weather for display on either FMS CDU. This is a ground-based system. (Requires customer registration and service agreement with Global Data Center prior to delivery.)	N/C	0.0	5
<b>FLIGHT DATA RECORDER</b>				
STD	<b>Flight Data Recorder (Provisions Only) – Honeywell</b> – See Note 1.	N/C	0.0	5
<input type="checkbox"/> 634P	<b>Flight Data Recorder – Honeywell</b> – Provides a solid-state recorder to meet 14 CFR Part 91 and JAA regulations. FDR is only required for Part 91 operations if the aircraft is configured for ten or more passengers. JAR-Ops1 operators will require the FDR due to the weight of the Citation X (exceeds 33,000 lbs / 14,959 kgs). Does not meet US Part 91K (Fractional) or US Part 135 operational requirements. This system does not meet the requirements for an aircraft used for commercial operations in some countries.	\$20,175	11.4	5
<b>TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)</b>				
STD	<b>TCAS 2000 – ACSS</b> – Consists of a TCAS II system that provides simultaneous tracking of up to 50 intruder aircraft. A maximum of 32 aircraft targets may be displayed along with their relative altitudes and positions at ranges up to and potentially beyond 40 nm. Traffic alerts and resolution advisories, with audio and EFIS display warnings, are generated for the targets with the highest threat level. TCAS 2000 meets or exceeds all current regulatory requirements (European ACAS II and Change 7). (Note: This system is installed to provide collision avoidance information and will not necessarily display aircraft within the monitoring area that do not pose a threat.)	N/C	0.0	5
<input type="checkbox"/> 635B	<b>TCAS II – Honeywell</b> – Consists of a TCAS II system that provides simultaneous tracking of up to 50 intruder aircraft. A maximum of 32 aircraft targets may be displayed along with their relative altitudes and positions at ranges up to and potentially beyond 40 nm. Traffic alerts and resolution advisories, with audio and EFIS display warnings, are generated for the targets with the highest threat level. CAS-67A meets or exceeds all current regulatory requirements (European ACAS II and Change 7). (Note: This system is installed to provide collision avoidance information and will not necessarily display aircraft within the monitoring area that do not pose a threat.)	N/C	1.0	5

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<b>FLIGHT DECK - AVIONICS (Continued)</b>		<b>Price (USD)</b>	<b>Estimated Weight (lb)</b>	<b>Warranty* (Years)</b>
<b>TERRAIN AWARENESS WARNING SYSTEM (TAWS)</b>				
STD	<b>Mark V Enhanced Ground Proximity Warning System (EGPWS) – Honeywell</b> – Provides visual and aural warning alerts for avoidance of Controlled Flight into Terrain (CFIT). Features the Honeywell TERRAIN AWARENESS AND DISPLAY SYSTEM (TADS) displayed on the Honeywell MFD. Features include Excessive Descent Rate Alert/Warning, Excessive Closure Rate to Terrain Warning, Alert to Descent After Takeoff, Insufficient Terrain Clearance, Alert to Inadvertent Descent below Glideslope, Altitude Callouts, Excessive Bank Angle Alert, Peaks Mode, and Windshear Detection and Annunciation. Terrain database includes all charted manmade obstacles in North America and some obstacles in other parts of the world. The EGPWS installation on the Citation X meets and/or exceeds 14 CFR Part 91, Part 135 and JAR-OPS 1 requirements.	N/C	0.0	5
<input type="checkbox"/> CRQ	<b>Runway Awareness and Advisory System (RAAS) – Honeywell</b> – Adds RAAS capability to the Mark V. Provides improved situational awareness to reduce the risk of runway incursions by providing aural advisories to the flight crew during taxi, takeoff, final approach, landing and rollout. RAAS is a software upgrade to the Mark V EGPWS. RAAS issues advisories based on aircraft position compared to airport locations stored in the EGPWS Runway Database.	\$24,250	0.0	1
<b>EMERGENCY LOCATOR TRANSMITTER (ELT)</b>				
STD	<b>ELT C406-N with Navigation Interface – Artex</b> – Provides a three-frequency ELT that transmits on the International Emergency Frequencies and the satellite frequency of 406 MHz. The C406-N ELT is interfaced with the onboard FMS/GPS and will transmit the last known aircraft position on the satellite frequency. (Note: This system requires registration with the Search and Rescue agency in the country of registration for recognition of the 406 MHz frequency.)	N/C	0.0	5
<b>WEATHER DETECTION</b>				
STD	<b>Primus 880 – Honeywell</b> – Provides a four color, X-band digital radar designed for weather detection and analysis, ground mapping, and incorporates a “Doppler turbulence detection mode” that detects turbulence imbedded in rain cells.	N/C	0.0	5
<input type="checkbox"/> CRQ	<b>LSZ-860 Lightning Sensor System – Honeywell</b> – Installs the LSZ-860 lightning strike sensor. The system tracks range, bearing, and rate of occurrence of lightning strikes and displays the information on the Honeywell MFDs. Lightning strikes can be displayed concurrently with weather radar information to enhance awareness of severe weather.	\$38,900	16.8	5

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FLIGHT DECK - MISCELLANEOUS _____		Price (USD)	Estimated Weight (lb)	Warranty* (Years)
<b>OXYGEN</b>				
STD	<b>Oxygen System</b> – Installs a 76-cubic foot oxygen system that meets the requirements for 14 CFR Part 135 operations.	N/C	0.0	5
<input type="checkbox"/> 66H	<b>Extended Range Oxygen System</b> – Installs an additional 49-cubic foot oxygen bottle to further increase oxygen duration.	N/C	21.6	5
<b>LIGHTS</b>				
STD	<b>Pulselite 2400 System – Precise Flight</b> – Provides a Precise Flight Pulselite System that pulses the landing lights for better aircraft recognition.	N/C	0.0	5
<input type="checkbox"/> CRQ	<b>Pulselite 2401 System Interfaced To TCAS</b> – Alternately pulses wing tip landing and recognition/taxi lights on each side of the aircraft when airborne. Pulsing of landing and recognition/taxi lights begins automatically in the event of a TCAS resolution advisory or traffic alert. A remote switch is installed in the instrument panel to activate the Pulselite System on the ground. Note: Pulselite operation may adversely affect Lightning Sensor System operation.	N/C	1.8	1
STD	<b>Tail Flood Lights – Devore</b> – Provides flood lights that illuminate the vertical stabilizer surface for better recognition of a tail logo or registration number.	N/C	0.0	5
<b>ENGINE OIL</b>				
<input type="checkbox"/> 500	<b>British Petroleum Turbo Oil 2380</b>	N/C	0.0	N/A
<input type="checkbox"/> 501	<b>Mobil Jet II</b>	N/C	0.0	N/A
<input type="checkbox"/> 502	<b>Mobil Jet 254 (Third Generation Oil)</b>	N/C	0.0	N/A
<b>BATTERIES</b>				
STD	<b>Nickel Cadmium Batteries – Marathon</b> – Installs dual 44 amp/hr Marathon NiCad batteries.	N/C	0.0	1
<input type="checkbox"/> 186M	<b>Lead Acid Batteries – Concorde (Exchange)</b> – Replaces the standard Marathon dual 44 amp/hr NiCad batteries with dual 44 amp/hr Concorde lead acid batteries. This option not available for JAA/EASA aircraft.	N/C	7.9	1

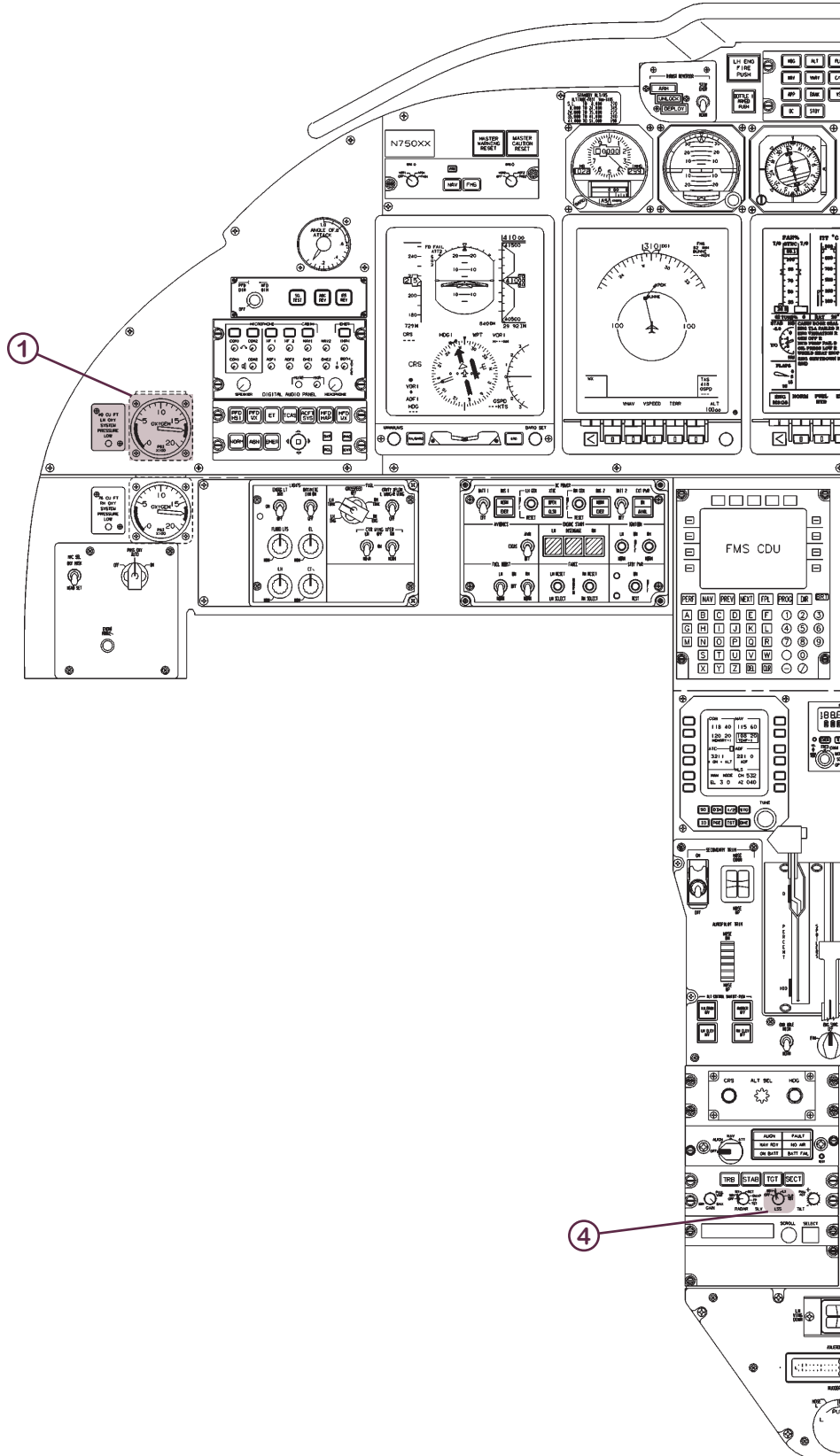
\* Equipment supplied by the identified Supplier within a requested option will receive the limited warranty for the period specified in this Optional Equipment Selection Guide. All other associated components of the requested option (wiring, cables, racks, etc.), from other than the stated Supplier, will receive a limited warranty for a period of one year.



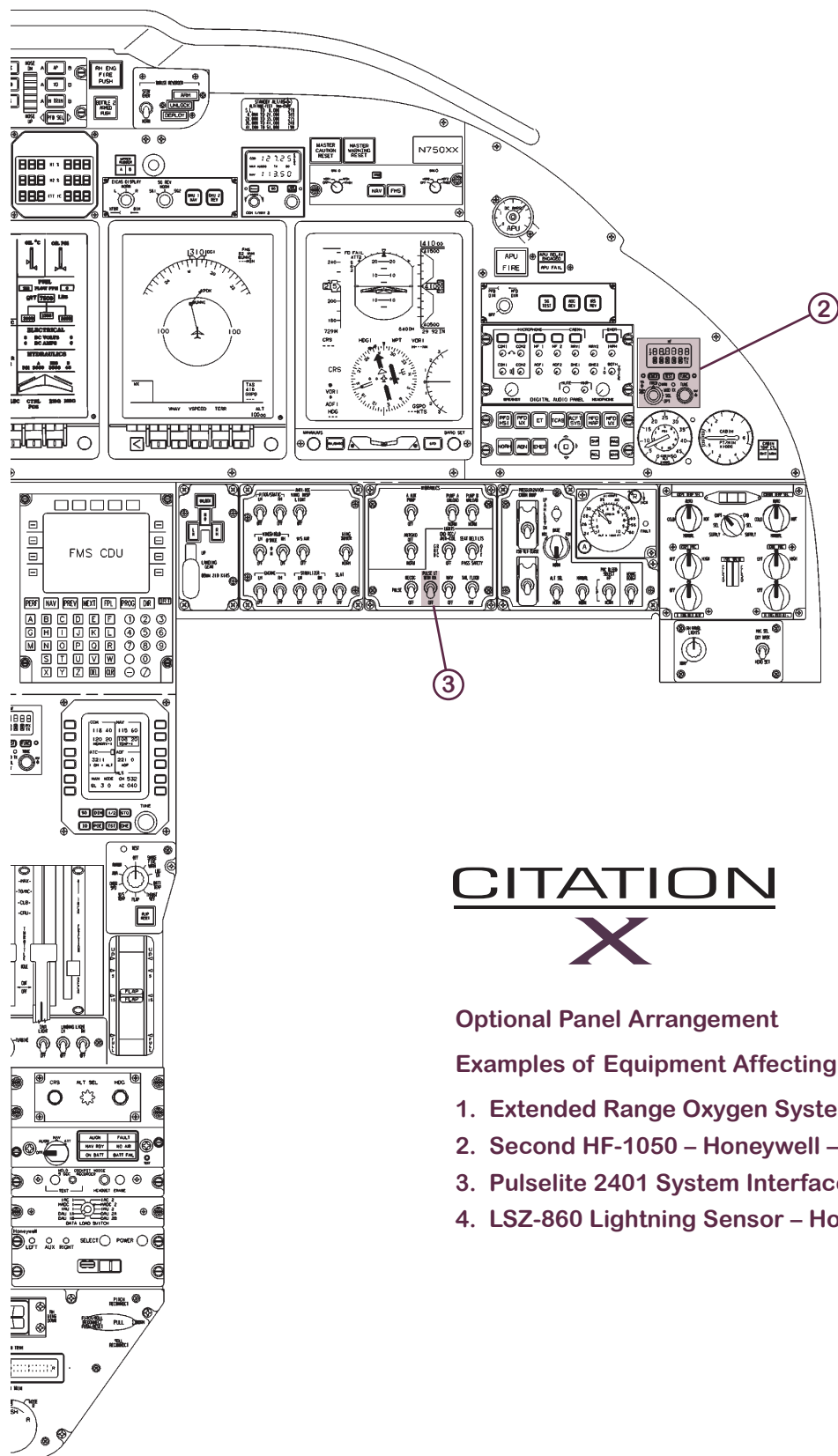
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FLIGHT DECK-MISCELLANEOUS (Continued) _____		Price (USD)	Estimated Weight (lb)	Warranty* (Years)
<b>MISCELLANEOUS OTHER</b>				
<input type="checkbox"/> 46K	<b>Mounting Provisions for Electronic Control Unit (ECU)</b> – Provides spare mounting provisions for an extra ECU for the Auxiliary Power Unit (APU). (Note: Spare ECU not included)	N/C	2.3	1
<input type="checkbox"/> 90A	<b>Life Raft Mooring Ring Installation</b> – Installs a retractable mooring ring to fuselage fairing for life raft tie down during aircraft evacuation. Mooring ring is located forward and below the escape hatch.	N/C	0.4	1
<input type="checkbox"/> 36A	<b>Defuel Installation</b> – Provides defuel fittings accessible from the left and right wheel well to allow defueling using the aircraft boost pumps.	N/C	5.8	1
<input type="checkbox"/> CRQ	<b>Securaplane Ultra-Lite Aircraft Electronic Security System – SECURAPLANE</b> – System uses a control display unit, speaker, and its own battery pack to monitor infrared and magnetic sensors installed on aircraft doors, access panels, and in the wheel wells for unauthorized intrusions. System details available upon request.	\$91,275	34.3	1
<b>AIRBORNE TELEPHONE</b>				
<input type="checkbox"/> 675U	<b>Axxess II Iridium Voice/Data System – AirCell</b> – The Axxess II system provides dual Iridium Satcom channels for voice, fax, and low-speed (2.4kbps) data communications. Handsets use voice-over-internet protocol. Office style PBX functions allow call routing, conference calling, call waiting, and call queue in the air and on the ground, worldwide. Three wired handsets with color displays are provided; one flush-mounted in the cockpit overhead and two in the cabin sideedges. Each handset has a standard earbud/headset jack. Axxess II is designed with multiple upgrade paths for additional channels, future applications, and faster data rates.	N/C	TBD	2

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# CITATION X

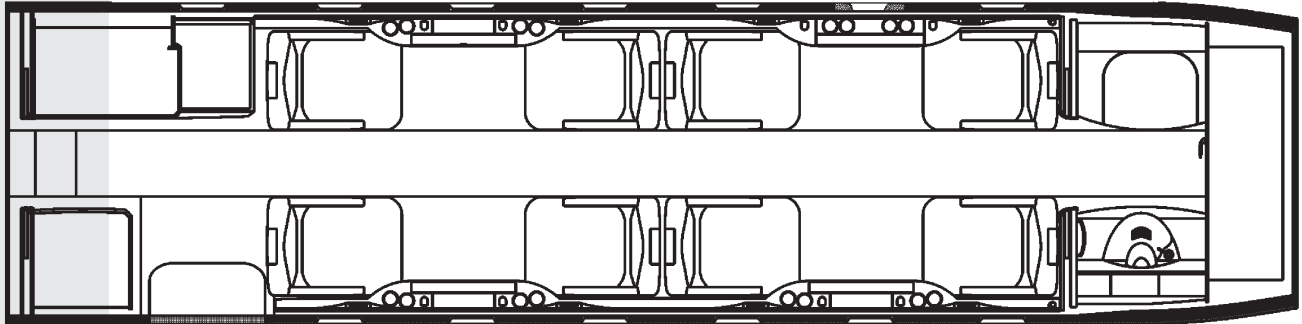
## Optional Panel Arrangement

### Examples of Equipment Affecting the Instrument Panel

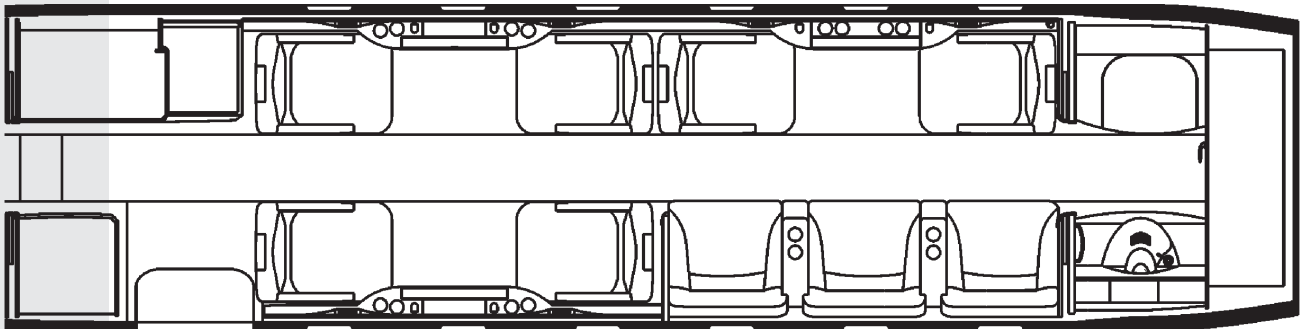
1. Extended Range Oxygen System – (66H)
2. Second HF-1050 – Honeywell – (632K)
3. Pulselite 2401 System Interfaced to TCAS – (CRQ)
4. LSZ-860 Lightning Sensor – Honeywell – (CRQ)

NOTE: OPTIONAL EQUIPMENT AND VENDORS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

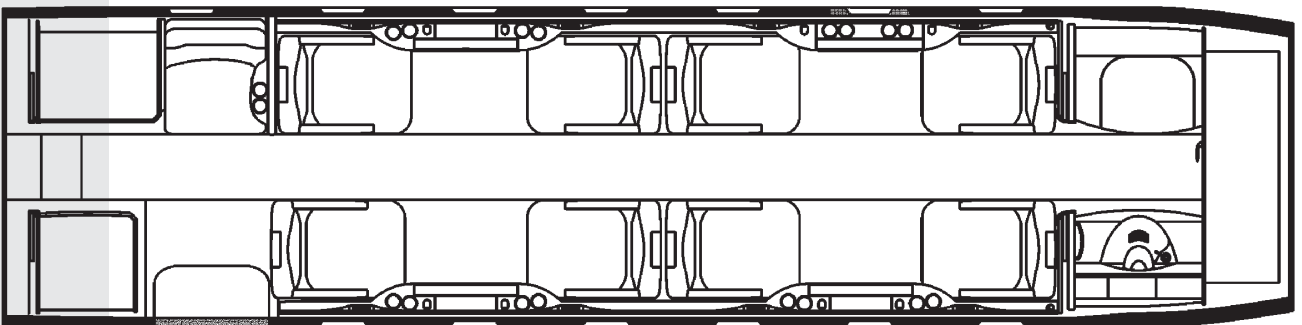
INTERIOR CONFIGURATION \_\_\_\_\_



DOUBLE CLUB WITH RH REFRESHMENT CENTER AND LH FWD CLOSET



3 PLACE COUCH, RH REFRESHMENT CENTER AND LH FWD CLOSET



DOUBLE CLUB WITH RH REFRESHMENT CENTER AND SIDE FACING SEAT, AND LH FWD CLOSET

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## INTERIOR CONFIGURATION (Continued)

### Interior Seating Configurations and Selections

- Refreshment center equipment can include microwave, convection or warming ovens, coffee brewers, espresso machines or heated liquid containers, crystal, china and catering storage.
- Forward coat closet choices include manual and briefcase storage, entertainment equipment displays, available stowable jump seat, and emergency equipment.
- Cockpit and aft lavatory stowable sliding doors or swinging aft lavatory door (recommended with small aft closet only, and not available with belted toilet) are available.
- Aft lavatory vanity sink, soap dispenser, temperature controlled water and general storage is available.
- Externally serviceable toilet is provided (belted or non-belted).
- Aft centerline coat closet is available in two sizes, includes life raft provisions and full-length hanging capability.

### Passenger Seating

- Passenger pedestal-mounted seats include seat back pockets, full berthing, swivel, forward/aft, and lateral movement.
- A variety of upholstery designs including two tailoring options, pull-up or hidden headrests and footrests are available.

#### NOTE:

Interior configuration, refreshment center equipment, and entertainment systems are priced as part of the Interior/Exterior Specification for each Citation X. Pricing, schedule, and overall weight will be dependent upon interior equipment selected.

An inventoried line of fabrics, leathers, carpets, and wood veneer cabinetry coverings are included in the base price of the Aircraft. Special request items (i.e. dye-to-match leather, custom carpet, premium wood veneers, etc.) selected outside the standard offerings will require quotation for availability, schedule and price.

- Other selections available include belted couch, belted forward side-facing seat, or stowable belted jump seat in closet.

### Entertainment/Communications Equipment

- Audio and video equipment available upon request.
- Video players include dual digital video disc.
- Video monitor choices include 10.4" LCD cabin-mounted, 7.0" or 8.4" LCD individual monitors available at each passenger seat and 7.0" monitors in the window reveals.
- Custom, high quality stereo speaker installation available with total cabin sound and/or individually controlled headsets.
- Other equipment available include moving map and cabin information displays, XM Radio, video camera systems, and Airshow Network System (Airshow 4000).
- Computer electrical power outlets, fax/data outlets and other communication equipment available upon request.

**MAINTENANCE PROGRAMS**

**PROADVANTAGE PROGRAMS®** – A comprehensive family of aftermarket programs designed to support your airframe, avionics, and Auxiliary Power Unit (APU). Programs may be combined for maximum coverage or selected individually by separate agreement. (Additional details available on request.)

**PROPARTS® STANDARD EQUIPMENT COVERAGE** – Provides airframe and avionics parts coverage for aircraft equipped in a standard configuration as defined in the ProAdvantage Agreement. Items covered include tires, brakes, valves, motors, actuators, instruments, FMS, radar, etc.

- Years 1-5 (Up to 3,000 hours)                      \$89.35/hr \*
- Years 1-5 (Between 3,000 and                      \$281.85/hr \*
- 5,000 hours)
- (Beyond 5,000 hours)                                \$450.11/hr \*

Note: ProParts coverage of equipment other than standard configuration and Special Equipment not listed in this guide to be negotiated separately.

\* Prices presented are estimated 2009 pricing.

**AUXADVANTAGE®** – An Auxiliary Power Unit (APU) parts program for the Honeywell GTCP36-150. Provides fixed price coverage for parts required during scheduled and unscheduled maintenance including HSI and Overhaul. (Additional details available on request. May be combined with ProParts or selected individually by separate agreement.)

- \$44.15/APUhr\*

