



OPTIONAL EQUIPMENT SELECTION GUIDE



TTx



TEXTRON AVIATION

OPTIONAL EQUIPMENT SELECTION GUIDE



EFFECTIVE FOR AIRCRAFT TO BE DELIVERED IN 2016

DECEMBER 2015

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 Cessna Authorized Service Facility.

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 Cessna Authorized Service Facility.
3. Optional equipment and vendors are subject to change without notice.

DEFINITIONS:

1. STD = Standard equipment
2. N/C = No additional charge
3. #### = Factory kit number for optional equipment
4. TBD = To be defined

STANDARD AIRCRAFT

GARMIN INTRINZIC EQUIPPED CESSNA T240

AVIONICS

- GMA-36 Remote Digital Audio Panel w/Marker Beacon/Intercom
- GTC-570 Touch Screen Controller
- GTX-33ES Transponder-Mode S, w-Traffic Information System capability and ADS-B out
- GIA-63W NAV/COM/GPS/WAAS w/GS #1
- GIA-63W NAV/COM/GPS/WAAS w/GS #2
- GDU-1400 Primary Flight Display (PFD)
- GDU-1400 Multi-Function Display (MFD)
- GEA-71 Engine/Airframe Computer
- GRS-77 AHRS (dual)
- GDC-74A Air Data Computer w/OAT Probe
- GMU-44 Magnetometer (dual)
- GCU-275 Primary Flight Display (PFD) Controller
- Electronic Checklist
- GFC-700 Autopilot
 - Go-Around Switch
 - Electric Trim
 - A/P Disconnect
 - Control Stick Steering Button
- GMC-720 Auto Flight Controller System (AFCS)
- Garmin SafeTaxi & FliteCharts (both provide Geosynchronous Positioning)
- ESI-1000 L-3 Trilogy Standby Instrument (digitally displays airspeed, altimeter and attitude)
- Control Stick Push-To-Talk Switch-Pilot/Copilot
- Mic & Phone Jacks-Pilot/Copilot/Passengers (Bose and Standard)
- Antennas:
 - Marker Beacon Antenna
 - Transponder Antenna
 - WAAS/COMM Antenna (1)
 - GPS (1)
 - COMM Antenna (1)
 - NAV Antenna
 - TAS Omni (1)
 - TAS Directional (1)
- Artex ELT-ME406 Emergency Locator Transmitter
- Pitot System - Heated
- Static System
- Alternate Static Source
- CO Detector/Pulse Oximeter

Standard Empty Weight

2,534 lb.

Base Price (USD)

\$689,000

- Synthetic Vision Technologies (SVT) - Garmin Synthetic Vision utilizes GPS-based graphic technology providing virtual depiction of terrain and water features, complete with obstacles and airborne traffic, in 3-D perspective that allows pilots enhanced visual cues and improved situational awareness regardless of meteorological or lighting conditions.
- Electronic Stability Protection (ESP) Garmin - Electronic monitoring and exceedance-correcting system that operates in the background, in concert with the autopilot. Assists the pilot in maintaining the aircraft in a safe, flight-stable condition, helping to prevent the onset of stalls/spins, overspeeds, steep spirals or other loss of control conditions should the pilot become distracted, disorientated or incapacitated during flight.

STANDARD FEATURES

- McCauley Propeller with Electric De-Ice System
- Built-in oxygen (4 place)
- Dual 12-volt, 2 amp auxiliary power outlet
- Lighted Entrance Step
- Bose Headset (1)

OPTIONAL EQUIPMENT

		Price (USD)	Estimated Weight (lb)
FLIGHT DECK			
□23F	<p>FIKI (SERIALS 2049 AND ON)</p> <p>The system installs flush-mounted titanium leading edge panels for the wings and horizontal and vertical stabilizers. The panels have laser-drilled holes which secrete TKS anti-ice fluid. The propeller and the windshield are also protected by TKS fluid. Three flow rate settings are selectable via panel switches by the pilot depending on the existing icing conditions: NORM, HIGH and MAX. The system also includes a BACKUP mode to provide redundancy in the event of a pump failure. Monitoring of the ice protection system is fully integrated into the Garmin G2000 CAS including TKS fluid quantity, TKS time remaining, and system status, caution and warning CAS messages.</p>	\$55,180	45.60 (Empty Tank) 137.60 (Full Tank)
□630CV	<p>AVIDYNE TWX- 670 TACTICAL WEATHER DETECTION SYSTEM</p> <p>The Avidyne TWX-670 is a lightning based weather detection system. This system accurately detects and clearly displays electrical discharges in real time, regardless of aircraft maneuvering. The TWX-670 provides true tactical weather avoidance in the 0-25nm range. The lightning strikes are displayed on the Garmin Multi-Function Display’s Navigation Map page or the Lightning Strike page.</p>	\$14,010	7.20
□675CV	<p>GARMIN GSR-56 IRIDIUM SATELLITE DATA TRANSCEIVER LINK</p> <p>With Garmin’s Iridium Satellite Data Transceiver, pilots and passengers can access on-demand weather information, text communications and other data sharing capabilities in parts of the world not previously served by direct satellite data link services. Services including graphical radar imagery, METARs, TAFs, Weather Data and images are displayed on the Intrinsic Flight Deck. Includes two-way text messaging, which can send or receive text messages on the ground or in air. (Coverage subject to Iridium agreements with mobile service providers.) An Iridium service account and accompanying data/weather subscription plans are required.</p>	\$16,290	4.20
□658A	<p>AUTOMATIC DIRECTION FINDER (ADF)</p> <p>Navigation capability is provided by a single Garmin remote mounted receiver and antenna. Information is presented on the Flight Displays and controlled through the Touch Screen Controller.</p>	\$20,595	9.90
□616	<p>DISTANCE MEASURING EQUIPMENT (DME)</p> <p>Installs a remote-mounted Honeywell KN-63 receiver and antenna. Information is integrated into the Flight Displays and controlled through the Touch Screen Controller.</p>	\$9,335	4.00

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

OPTIONAL EQUIPMENT

		Price (USD)	Estimated Weight (lb)
□613	JEPPESEN CHARTVIEW ChartView resembles the paper version of Jeppesen terminal procedures charts. The charts are displayed in full color with high-resolution. The MFD depiction shows the aircraft position on the moving map in the plan view or the approach charts and on airport diagrams. Available data includes Arrivals (STAR), Departure Procedures (DP), Approaches, Airport Diagrams and NOTAMS. Requires Jeppesen Database Subscription Service.	\$3,875	0
□022F	COMPOSITE PROPELLER The composite 3-blade propeller features the latest carbon fiber and retention system technologies, yielding a lighter installed weight and improving aircraft useful load. It also includes an electro-formed nickel leading edge guard for improved impact and blade erosion resistance. Note: Installed anti-ice configuration (FIKI) to be available in early 2016.	\$8,345	-36.00
□632CV	GARMIN XM WEATHER AND RADIO DATA LINK (GDL-69A) The XM weather and radio data link provides weather information and digital audio entertainment in the cockpit. A subscription to the XM satellite radio service is required for the XM weather and radio data link to be used.	\$7,725	1.86
□593CV	GARMIN TAS (TRAFFIC ADVISORY SYSTEM) Garmin's GTS800 . A 360° zone of detection identifies other nearby transponder-equipped aircraft and vocalizes for specific traffic-spotting information. Uses Garmin's exclusive CLEAR CAS™ technology with up to 12 miles of active surveillance and ADS-B "In" capability.	\$14,525	11.49
□651CV	GARMIN TAWS-B The Garmin TAWS (Terrain Awareness and Warning System) is an optional feature to increase situational awareness and aid in reducing controlled flight into terrain (CFIT). TAWS satisfies TSO-C151b Class B requirements for certification. TAWS provides visual and aural annunciations when terrain and obstacles are within the given altitude threshold from the aircraft.	\$10,610	0
MISCELLANEOUS			
□901A	AIR-CONDITIONING Air Conditioning as a part of the Integrated Automatic Climate Control System.	\$29,870	52.60
□745	TTx CUSTOM FIT COVER Canvas cover.	\$900	0

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OPTIONAL EQUIPMENT

		Price (USD)	Estimated Weight (lb)
<input type="checkbox"/> 006CV	CARGO BARRIER NET Cargo barrier net must be installed anytime cargo is being carried with rear seat removed.	\$3,010	5.60
<input type="checkbox"/> HS1	ADDITIONAL BOSE HEADSET	\$1,225	0
<input type="checkbox"/> 024B	DUAL HEAVY DUTY BATTERIES Designed for extreme conditions, the dual heavy duty battery option replaces the two standard 8.5 amp hour batteries with heavy duty 13.6 amp hour batteries to deliver improved engine starting performance in very cold temperatures and provide additional power reserve capacity	\$395	15.00
INTERIOR			
<input type="checkbox"/> 716D	BLAZE The creme headliner upper area, creates a warm visual, accented in classic black contrast details on the lower sidewalls and flooring. Black leather wraps the side stick controls and armrest. <input type="checkbox"/> 71A Dark Seat Option - Black leather seating overall with charcoal microfiber insert. <input type="checkbox"/> 71B Light Seat Option - Creme leather seating overall with perforated creme leather insert.	N/C	0
<input type="checkbox"/> 716E	LUNAR The ivory headliner upper area, creates a bright environment, accented in classic black contrast details on the lower sidewalls and flooring. Black leather wraps the side stick controls and armrest. <input type="checkbox"/> 71A Dark Seat Option - Black leather seating overall with charcoal microfiber insert. <input type="checkbox"/> 71B Light Seat Option - Ivory leather seating overall with embossed ivory leather insert.	N/C	0
WARRANTY			
<input type="checkbox"/>	2 YEAR EXTENSION TO PREMIUM OEM AIRCRAFT ENGINE WARRANTY This 2 Year Extension to the Premium OEM Aircraft Engine Warranty provides an extension of 2 years from the original warranty start date on parts and labor coverage for new CMI Premium OEM aircraft engines supplied by CMI (Conti-	\$8,755	0

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OPTIONAL EQUIPMENT

Price
(USD) Estimated
Weight (lb)

mental Motors, Inc.) to certain OEMs (original equipment manufacturers) pursuant to contract with such manufacturers. This extended warranty is obtained from the aircraft's original equipment manufacture at the time of purchase or up to six (6) months after the date of purchase. If the extended warranty is exercised, the CMI Premium OEM aircraft engine is warranted as follows :

1. The extended warranty commences on the first day of the 37th month following activation of the original warranty period and continues through the last day of the 60th month following warranty activation and provides the coverage as stipulated in Clauses 2 through 11 herein. THIS EXTENDED WARRANTY DOES NOT EXTEND THE ACCESSORY WARRANTY AS FURTHER EXPLAINED IN PARAGRAPH 2 (B).
2. (a) For a period of twenty-four (24) months or until the expiration of CMI's recommended Time Between Overhaul (TBO), whichever occurs first, after the expiration of the initial thirty-six (36) month warranty, CMI will, except as excluded below, at its option repair or replace on an exchange basis any engine, component or part manufactured or supplied by it which within the applicable twenty-four (24) month or TBO period is returned to a CMI representative authorized to handle the engine covered by this warranty and which upon examination is found to the satisfaction of CMI to be defective in material or workmanship. The extended warranty activation date is the first day of the 37th month following activation of the original warranty period which is the aircraft in-service date or the 180th day after CMI's invoice date, whichever occurs first.
 - (b) After the expiration of the first twenty-four (24) months of the applicable thirty-six (36) month period described above, CMI will not assume any responsibility for the repair or replacement of the starter or alternators, which have been purchased by CMI from a manufacturer as a complete and finished unit and included in the assembly of an engine without altering the unit. After the expiration of the initial twenty-four (24) month period, accessories will be subject to such warranty coverage as may be provided by their manufacturer.
 - (c) CMI will pay for reasonable labor costs associated with repairs or replacements under paragraph 2(a) of this warranty and for "troubleshooting" costs associated with identifying the need for such repairs or replacements, when coordinated through an authorized CMI representative. The amount of repair and replacement labor costs allowed will be in accordance with the latest revision of the warranty labor allowance schedule, form X30552, published by CMI. The amount of "troubleshooting" costs allowed will be the reasonable costs under the circumstances of identifying the need for such repairs or replacements, but in no event will the "troubleshooting"

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OPTIONAL EQUIPMENT

Price
(USD) Estimated
Weight (lb)

costs allowed exceed fifteen percent (15%) of the labor costs associated with such repairs or replacements allowed by CMI. No “troubleshooting” cost allowance will be made where the need for repairs or replacements is identified in the course of overhaul, routine maintenance or on the basis of an obvious defect.

(d) CMI will pay transportation costs in connection with the repair or replacement of any engine, component or part found to the satisfaction of CMI to be defective in material or workmanship under paragraph 2(a&b) of this warranty. The engine, component or part must be shipped prepaid to the repair facility designated by CMI. Transportation cost reimbursement for engines will be the actual surface freight charge or \$500.00, whichever is less. Engines must be described on the bill of lading as follows: “Internal combustion engine, other than Radial Cyl RVNX \$5.00”. Transportation cost reimbursement for components or parts will be the actual surface freight charge for shipment of the component or part or the currently published UPS surface rate schedule, whichever is less.

3. CMI reserves the right at its option to replace any defective engine or part with either a new or rebuilt engine or part.
4. Repair or replacement of any engine or part under this warranty will not extend the period of warranty coverage set forth above.
5. This warranty applies only to engines in which parts manufactured or supplied by CMI or parts manufactured pursuant to an FAA Parts Manufacturer Approval have been used and nothing contained herein should be construed as a warranty by CMI of any engine or part not manufactured or supplied by CMI. CMI accepts no responsibility for the failure of any engine or part which it does not manufacture or supply or damage resulting from such failure.
6. This warranty applies only to engines which have been installed, inspected and maintained in accordance with the instructions for continued airworthiness, including compliance with all applicable service bulletins issued by CMI, the aircraft manufacturer or any accessory or component manufacturer. Performance of recommended inspections and maintenance must be documented by appropriate logbook entries and the logbook must accompany any engine being returned for warranty consideration.
7. This warranty does not apply to any engine, component or part manufactured or supplied by CMI which (1) has been subject to misuse, neglect or accident; (2) has been installed, repaired, maintained or altered in any way that in the judgment of CMI has adversely affected the condition of the engine; (3) has been operated inconsistent with CMI and aircraft manufacturer recommendations and limitations (such as, but not limited to engine

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Price
(USD) Estimated
Weight (lb)

RPM, temperature, manifold pressure, fuel flow and proper system adjustment) or (4) has been changed from its original FAA certificated configuration.

8. CMI will not be responsible for repair or replacement of any engine, component or part damaged or worn as a result of corrosion, pre-ignition/detonation, operation with non calibrated engine gauges, improper fuel system adjustment, non CMI approved fuel and oil grades or additives or installation of parts, components or accessories that alter the engine's original type design.
9. The provisions of this warranty do not apply to normal maintenance service (such as engine tune ups, adjustments, inspections, engine or component overhaul resulting from time between overhaul (TBO) recommendations, etc.) or to the replacement of normal service items (such as spark plugs, filters, hoses, belts, etc.).
10. CMI reserves the right to change any engine or part specifications or prices without incurring any responsibility with regard to engines or parts previously sold or replaced.
11. **THIS WARRANTY IS A WARRANTY TO REPAIR OR REPLACE AND NOT A WARRANTY OF THE CONDITION OR FUTURE PERFORMANCE OF THE PRODUCTS WHICH IT COVERS. THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, SPECIFICALLY, BUT WITHOUT LIMITATION, THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL CMI BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY DEFECT IN ANY ENGINE OR PART, ARISING OUT OF THE FAILURE OF ANY ENGINE OR PART TO OPERATE PROPERLY, OR ARISING OUT OF ANY BREACH OF THE WARRANTY MADE HEREIN. NO PERSON IS AUTHORIZED TO GIVE ANY OTHER WARRANTY OR TO ASSUME ANY ADDITIONAL OBLIGATION OR LIABILITY ON BEHALF OF CMI.**

TRAINING

- | | | | |
|---|---|---------|---|
| □ | TRAINING
Includes one TTx Intrinsic training course and one TTx Intrinsic ground school course for a second person. Training must be accomplished within 12 months after aircraft delivery. | \$4,015 | 0 |
|---|---|---------|---|

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OPTIONAL EQUIPMENT

Price (USD) Estimated Weight (lb)

OPTIONAL EQUIPMENT PACKAGE

☐ **SURGE PREMIUM PACKAGE (SERIALS 2078 AND ON)** \$20,470 0

Distinguish yourself with the special edition Surge package. The Surge package includes:

- Custom fit canopy cover
- Personalized floor and wing walk mats (full set)
- Personalized engine inlet plugs
- Choice of two-tone seat options:

☐71D **Blaze Two-Tone Seat Option 1** - Creme leather seat face with perforated creme leather insert, combined with black leather seat backs, bolsters and trim.

☐71E **Lunar Two-Tone Seat Option 2** - Ivory leather seat face with an embossed ivory leather insert, combined with black leather seat backs, bolsters, trim and headrest.

- Surge paint scheme (see below for color choices)



Color 1	Light Charcoal Pearl	Medium Opal Pearl	Glamour Turquoise Pearl	Spanish Gold Pearl	Cumulus Gray Pearl	Green Apple
Color 2	Chrome Yellow	Starlite Silver Pearl	Sapphire Blue Pearl	Platinum Pearl	Titanium Pearl	Starlite Silver Pearl
Color 3	Carbon Black Pearl	Steel Blue Pearl	Midnight Blue Pearl	Dark Coffee Pearl	Dark Toreador Red Pearl	Phantom Gray Pearl

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EXTERIOR

□Ascent

Price (USD)

N/C



Color 1	Starlite Silver Pearl	Sapphire Blue Pearl	Platinum Pearl	Titanium Pearl	Green Apple	Chrome Yellow
Color 2	Steel Blue Pearl	Midnight Blue Pearl	Dark Coffee Pearl	Cumulus Gray Pearl	Phantom Gray Pearl	Carbon Black Pearl
Color 3	Medium Opal Pearl	Glamour Turquoise Pearl	Spanish Gold Pearl	Dark Toreador Red Pearl	Starlite Silver Pearl	Light Charcoal Pearl

Price (USD)

□Apex Major

N/C



Color 1	Starlite Silver Pearl	Light Lime Pearl	Arc Blue	Calypso Orange	Ocean Blue Pearl	Radiant Red Pearl
Color 2	Phantom Gray Pearl	Phantom Gray Pearl	Phantom Gray Pearl	Phantom Gray Pearl	Phantom Gray Pearl	Phantom Gray Pearl

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December 2015

For Aircraft to be Delivered in 2016

EXTERIOR

Price (USD)

□Apex Minor

N/C



	Starlite Silver Pearl	Light Lime Pearl	Arc Blue	Calypso Orange	Ocean Blue Pearl	Radiant Red Pearl
Color 1						
Color 2	Phantom Gray Pearl	Phantom Gray Pearl	Phantom Gray Pearl	Phantom Gray Pearl	Phantom Gray Pearl	Phantom Gray Pearl

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MAINTENANCE PROGRAMS

	Price (USD)
<p>□ CESSNA TECHNICAL INFORMATION</p> <p>Cessna provides a complete system of manuals and catalogs for the operation and maintenance of the TTx. All Cessna and related technical information is listed online at www.cessnasupport.com. Access to the site requires registration; however, registration is free to Cessna customers.</p> <p>The TTx will be provided with a Service Maintenance Manual, Illustrated Parts Catalog, Wiring Diagram Manual, Structural Repair Manual, Service Bulletins and Avionics Wiring Diagram on CD-ROM or DVD-ROM at no additional cost (including one-year of revision service).</p>	N/C
<p>□ CESSNA OWNER ADVISORY</p> <p>Cessna Owner Advisories provide owners of Cessna aircraft up-to-the minute information about mandatory and beneficial service requirements and the latest in product improvements. Cessna Owner Advisories are mailed automatically to owners of U.S. registered Cessna aircraft using the latest name and address provided to the FAA.</p>	N/C
<p>□ CESSNA OWNER ADVISORY DUPLICATE</p> <p>The Cessna Owner Advisory provides owners of Cessna aircraft with information regarding mandatory and beneficial service requirements, as well as, the latest in product improvements. Cessna Owner Advisories are mailed automatically to owners of U.S. registered Cessna aircraft by using the latest name and address provided to the FAA. Since the FAA database is the source for the standard Owner Advisory, aircraft that will be registered outside of the U.S., or aircraft that will be registered to a corporation with a mailing address other than the FAA registered address, may subscribe to an Owner Advisory Duplicate. An Owner Advisory Duplicate Subscription is for aircraft registered outside of the U.S. or is a second address in which the Cessna Owner Advisories will be mailed.</p>	\$39

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OEG-PISTON-T240-1215