Mar 15th, 9:45 AM

Cirrus Aircraft Update

John Razmus
Director Fleet Sales, Cirrus

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NTAS 2016
Cirrus Aircraft Update

John Razmus
Dir. Fleet Sales
Cirrus Aircraft
3/16/16
Agenda

• Update on the Piston Fleet
• New innovation in flight training & operations
• Update on the SF50 Vision jet
Cirrus Standard Across the Fleet

- Cirrus Perspective by Garmin Cockpit
- GFC 700 Autopilot
- Dual Electrical Sys
- Dual AHRS
- Electronic Stability & Protection (ESP)
- Blue “level” button
- Autopilot Stall Protection
- Synthetic Vision Technology
- Dual Com/Nav/WAAS GPS
Avionics: 2016 ADS-B Capabilities

CMI - IO-360-ES, 200 HP
Max Op Alt – 17,500
Max Cruise – 155 KTAS

CMI – IO-550-N, 310 HP
Max Op Alt – 17,500
Max Cruise – 183 KTAS

CMI – IO-550-K Turbo, 315 HP
Max Op Alt – 25,000
Max Cruise – 213 KTAS

ADS-B Out: Standard GTX 33ES
ADS-B In: Option GDL88
Connectivity: Option Flight Steam 210

ADS-B Out: Standard GTX 33ES
ADS-B In: Standard GDL88
Connectivity: Option Flight Steam 210

ADS-B Out: Standard GTX 33ES
ADS-B In: Option GDL88
Connectivity: Option Flight Steam 210
Avionics: Flight Stream 210
Innovations in Training: Cirrus Approach
Standardized Flight Operations
A Quick Demo
SF50 Vision Jet Update
Cirrus is Building Jets!

Type Certification: 1H 2016
Standardized Cockpit
Least we Forget Cirrus Safety

60 CAPS save events
120 lives saved
0 lives lost when deployed within designed parameters
Many successful deployments outside parameters

* As of 9 January 2016
INNOVATION

Think Cirrus for Innovation in Safety

Innovation in Next-Gen Technology

Innovation in Training

Thank You
<table>
<thead>
<tr>
<th>Avionics</th>
<th>Current Transponder</th>
<th>2020 Compliant ADS-B Out Under 18,000 MSL (USA Only)</th>
<th>ADS-B Out Requirements Worldwide - All Altitudes</th>
<th>FAA Wx/Traffic ADS-B In (Optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Cirrus Perspective without WAAS GPS 1999-2008</td>
<td>GTX 330</td>
<td>Install UAT Transceiver OR follow steps for worldwide compliance.</td>
<td>Install WAAS GPS and upgrade current transponder to GTX 330ES.</td>
<td>Install UAT/ADS-B receiver &amp; have a compatible display</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
<td>Install WAAS GPS and replace current transponder to GTX 330ES.</td>
<td></td>
</tr>
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<td>Upgrade current transponder to GTX 330ES.</td>
<td>Install UAT/ADS-B receiver &amp; have a compatible display</td>
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<tr>
<td></td>
<td>Other</td>
<td></td>
<td>Replace current transponder with GTX 330ES.</td>
<td></td>
</tr>
<tr>
<td>Cirrus Perspective 2008-mid 2010</td>
<td>GTX 32</td>
<td>Install GDL 88 OR follow steps for worldwide compliance.</td>
<td>Replace current transponder with GTX 33ES.</td>
<td>Install GDL 88</td>
</tr>
<tr>
<td></td>
<td>GTX 33</td>
<td></td>
<td>Upgrade current transponder to GTX 33ES.</td>
<td></td>
</tr>
<tr>
<td>Cirrus Perspective mid 2010-Present</td>
<td>GTX 33ES</td>
<td>Already compliant. No action required.</td>
<td>Already compliant. No action required.</td>
<td>Install GDL 88</td>
</tr>
<tr>
<td>SR20 2058 &amp; Subsequent SR22 3665 &amp; Subsequent SR22T 0004 &amp; Subsequent</td>
<td></td>
<td></td>
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</tbody>
</table>

* Please check with your Cirrus Sales Representative for the latest ADS-B information and certification timelines.