

TEXTRON AVIATION INC.
AIRCRAFT DIVISION
WICHITA, KANSAS 67277

Gogo Cabin Connectivity Option ICA Supplement

MODEL NO: 680A

**SUPPLEMENT NO: ICA-680A-23-00003A
SUPPLEMENT DATE: 2/8/2022**

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REVISIONS

ICA-680A-23-00003	Rev: A	Date: Feb 8/2022
ICA Summary	Pages 1-6	
Manuals Affected	Description	Title
Maintenance Manual	<ul style="list-style-type: none"> This ICA supplement was incorporated in Revision 12 of the Model 680A Maintenance Manual rendering this ICA Supplement Obsolete. 	
Appendix A: Illustrated Parts Catalog		
	<ul style="list-style-type: none"> This ICA supplement was incorporated in Revision A6 of the Model 680A Illustrated Parts Catalog rendering this ICA Supplement Appendix Obsolete. 	
Appendix B: Wiring Diagram Manual		
	<ul style="list-style-type: none"> This ICA supplement was incorporated in Revision A1 of the Model 680A Wiring Diagram Manual rendering this ICA Supplement Appendix Obsolete. 	

ICA-680A-23-00003	Rev: -	Date: 11/25/2020
ICA Summary	Pages 1-10	
Manuals Affected	Description	Title
Maintenance Manual	Supplier Publication List pages 1-10	Supplier Publication List
	<ul style="list-style-type: none"> Adds the Gogo Business Aviation AVANCE L5i and L5 General Installation Guidance Manual and Iridium NextGen ST 4300 Installation Manual. Adds the Gogo Business Aviation Smart Cabin System (SCS) General Installation Guidance Manual. Adds the Iridium NextGen ST 4300 Installation Manual. Adds the Aircell SwiftBroadband Installation Manual. 	
Maintenance Manual	06-40-00 pages 1-35	Access Plates and Panels Identification - Description and Operation
	<ul style="list-style-type: none"> Adds the Media Share Port (UT517) to Table 5. 	
Maintenance Manual	06-60-00 pages 1-4	Airplane Antenna Locations - Description and Operation
	<ul style="list-style-type: none"> Revised the Thrane and Thrane TT-5006 Satcom Intermediate Gain Antenna (IGA) callout in Figure 1 to the SATCOM Intermediate Gain Antenna (IGA). Revised the Aircell ATG Broadband Antenna callouts in Figure 1 (Sheets 2 and 3) to serialize in the Gogo Dual Directional Antennas. 	
Maintenance Manual	23-00-00 pages 1-3	Communications - General

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<ul style="list-style-type: none"> • Adds Gogo ST 4300 Iridium Phone System, Gogo Avance L5 Broadband System, and Gogo Smart Cabin System to the Description section. • Adds the Ethernet Cable, PC Laptop Computer, Protective Covers, and USB Device to the Tools and Equipment table. 		
Maintenance Manual	23-16-00 pages 1-2	Gogo ST 4300 Iridium Phone System - Description and Operation
	23-16-00 page 101	Gogo ST 4300 Iridium Phone System - Troubleshooting
	23-16-00 pages 501-504	Gogo ST 4300 Iridium Phone System - Adjustment/Test
	23-16-05 pages 401-403	Gogo ST 4300 Satellite Transceiver - Removal/Installation
	23-16-10 pages 401-403	Dual Iridium Filter - Removal/Installation
<ul style="list-style-type: none"> • Adds the Gogo ST 4300 Iridium Phone System. 		

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Maintenance Manual	23-17-00 pages 1-6	Aircell Axxess II Communication System - Description and Operation
	23-17-00 pages 101-104	Aircell Axxess II Communication System - Troubleshooting
	23-17-00 pages 501-513	Aircell Axxess II Communication System - Adjustment/Test
	23-17-05 pages 401-403	Aircell Axxess II ST 4200 Satellite Transceiver - Removal/Installation
	23-17-10 pages 401-403	Axxess II Cabin Telecom Router (CTR) - Removal/Installation
	23-17-20 pages 401-404	Dual Channel Iridium Satellite Antenna - Removal/Installation
	23-17-30 pages 401-403	Inmarsat Radio Frequency (RF) Filter - Removal/Installation
	23-17-35 pages 401-403	SwiftBroadband Plug - Removal/Installation
	23-17-40 pages 401-403	Aircell ATG 4000 Broadband Transceiver - Removal/Installation
	23-17-45 pages 401-405	Aircell ATG Broadband Antenna - Removal/Installation
	23-17-50 pages 401-403	Aircell ATG 4000 Configuration Module - Removal/Installation
	23-17-55 pages 401-403	Thrane and Thrane TT-5040A SwiftBroadband Unit (SBU) - Removal/Installation
	23-17-60 pages 401-403	Thrane and Thrane TT-5040A-001 Configuration Module - Removal/Installation
	23-17-65 pages 401-405	Thrane and Thrane TT-5006 Satcom Intermediate Gain Antenna (IGA) - Removal/Installation
	23-17-70 pages 401-403	Thrane and Thrane TT-5016A High Power Low Noise Amplifier Diplexer (HLD) - Removal/Installation
	23-17-75 pages 401-403	Thrane and Thrane TT-5019A Iridium Band Reject Filter - Removal/Installation
23-17-80 pages 401-405	Thrane and Thrane IGA-5001 Satcom Intermediate Gain Antenna (IGA) - Removal/Installation	
23-17-85 pages 401-402	SAT INTERNET Switch/Light - Removal/Installation	
<ul style="list-style-type: none"> • Adds serializations to the applicable LRU's and illustrations. • Adds the SAT INTERNET Switch/Light. • Adds the Aviator 300 SwiftBroadband System. • Adds the Thrane and Thrane IGA-5001 Satcom Intermediate Gain Antenna (IGA). • Adds the serial to the HT149 circuit breaker. 		

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Maintenance Manual	23-18-00 pages 1-4	Gogo Avance L5 Broadband System - Description and Operation
	23-18-00 pages 101-102	Gogo Avance L5 Broadband System - Troubleshooting
	23-18-00 pages 501-506	Gogo Avance L5 Broadband System - Adjustment/Test
	23-18-05 pages 401-405	Gogo Dual Directional Antenna - Removal/Installation
	23-18-10 pages 401-404	Gogo Avance L5 Transceiver - Removal/Installation
	23-18-15 pages 401-403	PC Data Port - Removal/Installation
	23-18-20 pages 401-404	Remote Wi-Fi Antenna - Removal/Installation
	23-18-22 pages 401-404	Terrestrial Modem Antenna - Removal/Installation
	23-18-25 pages 401-403	Media Share Port - Removal/Installation
	23-18-30 pages 401-402	ATG INTERNET Switch/Light - Removal/Installation
	23-18-35 pages 401-403	Aircell Configuration Module - Removal/Installation
<ul style="list-style-type: none"> Adds the Gogo Avance L5 Broadband System. 		
Maintenance Manual	23-19-00 pages 1-2	Gogo Avance Smart Cabin System - Description and Operation
	23-19-00 page 101	Gogo Avance Smart Cabin System - Troubleshooting
	23-19-00 pages 501-503	Gogo Avance Smart Cabin System - Adjustment/Test
	23-19-05 pages 401-403	Gogo Avance Smart Cabin System Router - Removal/Installation
<ul style="list-style-type: none"> Adds the Gogo Avance Smart Cabin System. 		

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Maintenance Manual	23-30-00 pages 1-4	Cabin Management System - Description and Operation
	23-30-00 pages 501-504	Cabin Management System - Adjustment/Test
	23-30-10 pages 401-403	Wireless Media Server - Removal/Installation
	23-30-20 pages 401-403	Wireless Access Point - Removal/Installation
	23-30-25 pages 401-403	UCS-5000 Universal Cabin System Router - Removal/Installation
	23-30-30 pages 401-403	RMS Aircell Wi-Fi Antenna - Removal/Installation
	23-30-35 pages 401-404	UCS-5000 L-Band Terrestrial Antenna - Removal/Installation
	23-30-40 pages 401-403	UCS-5000 Configuration Module (ACM) - Removal/Installation
<ul style="list-style-type: none"> Adds serializations to the applicable LRU's and illustrations. Adds the serial to the HT149 circuit breaker. 		
Maintenance Manual	24-63-01 pages 1-47	Electrical Load Analysis - Description and Operation
<ul style="list-style-type: none"> Adds the serial to the HT149 circuit breaker. 		
Appendix A: Illustrated Parts Catalog	Refer to Appendix A, Table 1.	
Appendix B: Wiring Diagram Manual	23-17-01 Figure 03 pages 1-4	Aircell Axxess
	23-17-02 Figure 03 pages 1-4	Aircell UCS-5000
	23-17-03 Figure 01 pages 1-4	Satellite Transceiver 4300
	23-17-35 Figure 03 pages 1-4	Swift Broadband
	23-17-40 Figure 04 pages 1-4	ATG4000 Broadband
	23-19-01 Figure 01 pages 1-12	Avance L5
	24-62-01 Figure 05 pages 1-46	Power Distribution
	33-11-01 Figure 03 pages 1-14	Instrument Lighting

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1. ICA Obsolescence

- A. This publication and its contents have been incorporated into the applicable manuals in the revisions noted above. Refer to the most current revision of the manuals listed above for the most up to date Instructions for Continued Airworthiness.

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APPENDIX A: ILLUSTRATED PARTS CATALOG

2. This ICA supplement was incorporated in Revision A6 of the Model 680A Illustrated Parts Catalog rendering this ICA Supplement Appendix Obsolete.

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APPENDIX B: WIRING DIAGRAM MANUAL

3. This ICA supplement was incorporated in Revision A1 of the Model 680A Wiring Diagram Manual rendering this ICA Supplement Appendix Obsolete.