

FAA ACTION		
West Certification Branch		
<input type="checkbox"/> Approve	<input type="checkbox"/> Concur	<input type="checkbox"/> CFRs
<input type="checkbox"/> Reject	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> EASA CS
<input type="checkbox"/> Acknowledge		<input type="checkbox"/> CARs
TSO/Project #s: _____		
Comments: 		
Response Number: 776-25-00274		
File Code:		
for WCB Manager		

InSight™ Display System
Airport Mapping (AMDB), Obstacle,
Navigation Reference (NavRef), Terrain,
and Electronic Chart (eChart) Databases
Type 2 FAA Letters of Acceptance (LOAs)
Appendices A through E

Rev:	00	Released:	19-Jun-2017	Author: Rick Williams
All Pages		Initial Release		

Rev:	01-13	Released	Various	Revised By: Various
		See individual released documents for details		

Rev:	14	Released:	3-Jan-2025	Revised By: Wayne Fisch
Table 1:	Added compatibility of SCN 1026.1.X to first generation EFI-1040P PFD/MFD Added new EFI-1040P PFD/MFD part number and SCN 1026.1.X			
All Appendix Tables	Corrected date of SOP-ENG-DB-07.01 from 11-Nov-2021 to 1-Nov-2021			
Appendix C	Compliance statement changed from AC 20-153A to AC 20-153B Section 3.1 Alternate Means of Compliance			
Appendix C Table C-1	CFGP-100003 revised from Rev. E to F CMR-100003 revised from Rev. B to C CP-100003 revised from Rev. D to E DPRP-100003 revised from Rev. F to G DQR-100006 revised from Rev. H to I			
Appendix E	Compliance statement changed from AC 20-153A to AC 20-153B Section 3.1 Alternate Means of Compliance			

Rev:	15	Released:	15-Jan-2025	Revised By: Wayne Fisch
Appendix B	Compliance statement changed from AC 20-153A to AC 20-153B Section 3.1 Alternate Means of Compliance			
Appendix B Table B-1	CFGP-100002 revised from Rev. E to F CMR-100002 revised from Rev. A to B CP-100002 revised from Rev. B to C DPRP-100002 revised from Rev. G to H DQR-100005 revised from Rev. G to H			

Rev:	16	Released:	3-Mar-2025	Revised By: Wayne Fisch
Appendix D	Compliance statement changed from AC 20-153A to AC 20-153B Section 3.1 Alternate Means of Compliance			
Appendix D Table D-1	CFGP-100001 revised from Rev. C to D CMR-100004 revised from Rev. - to A CP-100001 revised from Rev. C to D DQR-100004 revised from Rev. E to F DPRP-100001 revised from Rev. E to F			

Rev:	17	Released:	5-Mar-2025	Revised By: Wayne Fisch
Appendix A	Compliance statement changed from AC 20-153A to AC 20-153B Section 3.1 Alternate Means of Compliance			
Appendix A Table A-1	CFGP-100000 revised from Rev. E to F CMR-100001 revised from Rev. - to A CP-100000 revised from Rev. C to D DPRP-100000 revised from Rev. D to E DQR-100003 revised from Rev. E to F			

All significant changes for this revision have been highlighted.

Acceptance of Universal Avionics Systems Corporation aeronautical data processes is provided based on the compatibility of the delivered data with the InSight™ Display System products as listed in Table 1. Compilation of data to the compatible format has been accomplished using Universal Avionics Systems Corporations’ aeronautical data processes, identified in Appendices A - E.

Description	Top Assembly Part Number	Software Control Number(s)
EFI-1040P PFD/MFD	10404-XXXXXX-XY	SCN 1026.0.Y
EFI-1040P PFD/MFD	10404-XXXXXX-XY	SCN 1026.1.Y
EFI-1040P PFD/MFD	10404-111111-08	SCN 1046.X.Y
EFI-1040P PFD/MFD	10404-212111-XY	SCN 1026.1.Y
Alpha Numeric Keyboard (ANK)	5104-XX-0Y	SCN 1027.X.Y
Alpha Numeric Keyboard (ANK)	5104-00-08	SCN 1047.X.Y
Secure Digital Card Server (SDCS)	5105-00-0X	SCN 1027.0.Y
Secure Digital Card Server (SDCS)	5105-00-1X	SCN 1027.0.Y

Table 1 – InSight™ Display System Components and SCNs

Appendix A – Airport Mapping Database (AMDB):

Acceptance of Universal Avionics System Corporation Airport Mapping Database (AMDB) aeronautical data process is provided based on the specification and control of the data quality requirements provided in Table A-1, compliance with AC 20-153B Section 3.1 “Alternate Means of Compliance” based on AC 20-153A and RTCA DO-200A, and the compatibility of the delivered data with the InSight™ Display System products.

	Document Number	Description
(1)	CFGP-100000 Rev. F, 2-Mar-2025	<i>Configuration Plan for the InSight EFIS Airport Mapping Database</i>
(2)	CMR-100001 Rev. A, 4-Mar-2025	<i>AC 20-153B Alternative Means Compliance Matrix Report for the InSight EFIS Airport Mapping Database</i>
(3)	CP-100000 Rev. D, 2-Mar-2025	<i>RTCA DO-200A Compliance Plan for the InSight EFIS Airport Mapping Database</i>
(4)	DPRP-100000 Rev. E, 3-Mar-2025	<i>Data Processing Procedures for the UASC InSight™ EFIS Airport Mapping Database</i>
(5)	DQR-100000 Rev. C, 23-Sep-2016	<i>Jeppesen Supplier Data Quality Requirements for the UASC InSight™ EFIS Airport Mapping Database</i>
(6)	DQR-100003 Rev. F, 4-Mar-2025	<i>Target Data Quality Requirements for the InSight EFIS Airport Mapping Database</i>
(7)	SOP-ENG-CM-03.04 Rev. 04, 9-Nov-2020	<i>Aeronautical Databases Configuration Management Plan</i>
(8)	SOP-ENG-DB-03.01 Rev. 03, 19-Aug-2016	<i>Aeronautical Database Support Procedures</i>
(9)	SOP-ENG-DB-07.01 Rev. 03, 1-Nov-2021	<i>Aeronautical Database Development and Sustainment</i>
(10)	SOP-ENG-DB-07.02 Rev. 04, 19-Aug-2016	<i>Tool Development and Qualification for Aeronautical Databases</i>

Table A-1 - Airport Mapping Database (AMDB)

Appendix B – Obstacle Database:

Acceptance of Universal Avionics System Corporation Obstacle aeronautical data process is provided based on the specification and control of the data quality requirements provided in Table B-1, compliance with AC 20-153B Section 3.1 “Alternate Means of Compliance” based on AC 20-153A and RTCA DO-200A, and the compatibility of the delivered data with the InSight™ Display System articles in Table 1.

	Document Number	Description
(1)	CFGP-100002 Rev. F, 13-Jan-2025	<i>Configuration Plan for the InSight EFIS Obstacle Database</i>
(2)	CMR-100002 Rev. B, 13-Jan-2025	<i>AC 20-153B Alternate Means Compliance Matrix for the InSight EFIS Obstacle Database</i>
(3)	CP-100002 Rev. C, 13-Jan-2025	<i>RTCA DO-200A Compliance Plan for the InSight EFIS Obstacle Database</i>
(4)	DPRP-100002 Rev. H, 13-Jan-2025	<i>Data Processing Procedures for the InSight EFIS Obstacle Database</i>
(5)	DQR-100002 Rev. A, 16-May-2014	<i>Jeppesen Supplier Data Quality Requirements for the UASC InSight™ EFIS Obstacle Database</i>
(6)	DQR-100005 Rev. H, 14-Jan-2025	<i>Target Data Quality Requirements for the InSight EFIS Obstacle Database</i>
(7)	SOP-ENG-CM-03.04 Rev. 04, 9-Nov-2020	<i>Aeronautical Databases Configuration Management Plan</i>
(8)	SOP-ENG-DB-03.01 Rev. 03, 19-Aug-2016	<i>Aeronautical Database Support Procedures</i>
(9)	SOP-ENG-DB-07.01 Rev. 03, 1-Nov-2021	<i>Aeronautical Database Development and Sustainment</i>
(10)	SOP-ENG-DB-07.02 Rev. 04, 19-Aug-2016	<i>Tool Development and Qualification for Aeronautical Databases</i>

Table B-1 – Obstacle Database

Appendix C - Navigation Reference (NavRef) Database:

Acceptance of Universal Avionics System Corporation Nav Ref aeronautical data process is provided based on the specification and control of the data quality requirements provided in Table C-1, compliance with AC 20-153B Section 3.1 “Alternate Means of Compliance” based on AC 20-153A and RTCA DO-200A, and the compatibility of the delivered data with the InSight™ Display System articles in Table 1.

	Document Number	Description
(1)	CFGP-100003 Rev. F, 17-Dec-2024	<i>Configuration Plan for the InSight EFIS NAV Reference Database</i>
(2)	CMR-100003 Rev. C, 17-Dec-2024	<i>AC 20-153B Alternate Means Compliance Matrix for the InSight EFIS NAV Reference Database</i>
(3)	CP-100003 Rev. E, 19-Dec-2024	<i>RTCA DO-200A Compliance Plan for the InSight EFIS NAV Reference Database</i>
(4)	DPRP-100003 Rev. G, 17-Dec-2024	<i>Data Processing Procedures for the InSight EFIS NAV Reference Database</i>
(5)	DQR-100007 Rev. B, 22-Aug-2016	<i>Jeppesen Supplier Data Quality Requirements for the UASC InSight EFIS NAV Reference Database</i>
(5)	DQR-100006 Rev. I, 19-Dec-2024	<i>Target Data Quality Requirements for the InSight EFIS NAV Reference Database</i>
(7)	SOP-ENG-CM-03.04 Rev. 04, 9-Nov-2020	<i>Aeronautical Databases Configuration Management Plan</i>
(8)	SOP-ENG-DB-03.01 Rev. 03, 19-Aug-2016	<i>Aeronautical Database Support Procedures</i>
(9)	SOP-ENG-DB-07.01 Rev. 03, 1-Nov-2021	<i>Aeronautical Database Development and Sustainment</i>
(10)	SOP-ENG-DB-07.02 Rev. 04, 19-Aug-2016	<i>Tool Development and Qualification for Aeronautical Databases</i>

Table C-1 – Nav Ref Database

Appendix D – Terrain Database:

Acceptance of Universal Avionics System Corporation Terrain Database aeronautical data process is provided based on the specification and control of the data quality requirements provided in Table D-1, compliance with AC 20-153B Section 3.1 “Alternate Means of Compliance” based on AC 20-153A and RTCA DO-200A, and the compatibility of the delivered data with the InSight™ Display System products.

	Document Number	Description
(1)	CFGP-100001 Rev. D, 27-Feb-2025	<i>Configuration Plan for the UASC InSight™ EFIS Terrain Database</i>
(2)	CMR-100004 Rev A, 27-Feb-2025	<i>AC 20-153B Alternate Means Compliance Matrix Report for the InSight EFIS Terrain Database</i>
(3)	CP-100001 Rev. D, 27-Feb-2025	<i>RTCA DO-200A Compliance Plan for the InSight EFIS Terrain Database</i>
(4)	DQR-100004 Rev. F, 27-Feb-2025	<i>Target Data Quality Requirements for the InSight EFIS Terrain Database</i>
(5)	DQR-100008 Rev. -, 15-Apr-2014	<i>Jeppesen Supplier Data Quality Requirements for the UASC InSight™ EFIS Terrain Coverage and Cultural Chart Feature Database</i>
(6)	DPRP-100001 Rev. F, 27-Feb-2025	<i>Data Processing Procedures for the InSight™ EFIS Terrain Database</i>
(7)	EP3420 Rev. E, 16 Feb, 2022	<i>Data Processing Procedures for The Terrain Geodatabases</i>
(8)	SOP-ENG-CM-03.04 Rev. 04, 9-Nov-2020	<i>Aeronautical Databases Configuration Management Plan</i>
(9)	SOP-ENG-DB-03.01 Rev. 03, 19-Aug-2016	<i>Aeronautical Database Support Procedures</i>
(10)	SOP-ENG-DB-07.01 Rev. 03, 1-Nov-2021	<i>Aeronautical Database Development and Sustainment</i>
(11)	SOP-ENG-DB-07.02 Rev. 04, 19-Aug-2016	<i>Tool Development and Qualification for Aeronautical Databases</i>

Table D-1 - Terrain Database

Appendix E – Electronic Charts (eCharts) Database:

Acceptance of Universal Avionics System Corporation Electronic Charts (eCharts) aeronautical data process is provided based on the specification and control of the data quality requirements provided in Table C-1, compliance with AC 20-153B Section 3.1 “Alternate Means of Compliance” based on AC 20-153A and RTCA DO-200A, and the compatibility of the delivered data with the InSight™ Display System articles in Table 1.

	Document Number	Description
(1)	CFGP-100004 Rev. B, 25-Sep-2017	<i>Configuration Plan for the UASC InSight™ EFIS Electronic Chart Database</i>
(2)	CMR-100005 Rev B, 02-May-2018	<i>AC 20-153A Compliance Matrix Report for the UASC InSight™ EFIS Electronic Chart Database</i>
(3)	CP-100004 Rev. C, 02-May-2018	<i>RTCA/DO-200A Compliance Plan for the UASC EFIS Electronic Chart Database</i>
(4)	DQR-100010 Rev. D, 20-Mar-2018	<i>Data Quality Requirements for the UASC InSight™ EFIS Electronic Chart Database</i>
(5)	SOP-ENG-CM-03.04 Rev. 04, 9-Nov-2020	<i>Aeronautical Databases Configuration Management Plan</i>
(6)	SOP-ENG-DB-03.01 Rev. 03, 19-Aug-2016	<i>Aeronautical Database Support Procedures</i>
(7)	SOP-ENG-DB-07.01 Rev. 03, 1-Nov-2021	<i>Aeronautical Database Development and Sustainment</i>
(8)	SOP-ENG-DB-07.02 Rev. 04, 19-Aug-2016	<i>Tool Development and Qualification for Aeronautical Databases</i>

Table E-1 – Electronic Chart Database (eChart)