

<b>FAA ACTION</b>		
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 #: <u>LOA0010LA InSight N</u>		
Comments:		
Response Number: 776-23-00378		
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**

<b>Rev:</b>	<b>00</b>	<b>Released:</b>	<b>19-Jun-2017</b>	<b>Author: Rick Williams</b>
All Pages		Initial Release		

<b>Rev:</b>	<b>01-12</b>	<b>Released</b>	<b>Various</b>	<b>Revised By: Various</b>
		See individual released documents for details		

<b>Rev:</b>	<b>13</b>	<b>Released:</b>	<b>31-Oct-2023</b>	<b>Revised By: Wayne Fisch</b>
Appendix C:	CFGP-100003 revised from Rev. D to E CMR-100003 revised from Rev. A to B DPRP-100003 revised from Rev. E to F DQR-100006 revised from Rev. G to H			

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.

<b>Description</b>	<b>Top Assembly Part Number</b>	<b>Software Control Number(s)</b>
EFI-1040P PFD/MFD	10404-XXXXXX-XY	SCN 1026.X.Y
EFI-1040P PFD/MFD	10404-111111-08	SCN 1046.X.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:**

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 20-153A and RTCA/DO-200A, and the compatibility of the delivered data with the InSight™ Display System products.

	<b>Document Number</b>	<b>Description</b>
(1)	CFGP-100000 Rev. E, 04-Apr-2019	<i>Configuration Plan for the UASC InSight™ EFIS Airport Mapping Database</i>
(2)	CMR-100001 Rev. -, 20-Sep-2016	<i>AC 20-153A Compliance Matrix Report for the UASC InSight™ EFIS Airport Mapping Database</i>
(3)	CP-100000 Rev. C, 20-Sep-2016	<i>RTCA/DO-200A Compliance Plan for the UASC EFIS Airport Mapping Database</i>
(4)	DPRP-100000 Rev. D, 08-Apr-2019	<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. E, 20-Sep-2016	<i>Target Data Quality Requirements for the UASC 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, 11-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:**

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 20-153A and RTCA/DO-200A, and the compatibility of the delivered data with the InSight™ Display System products.

	<b>Document Number</b>	<b>Description</b>
(1)	CFGP-100002 Rev. E, 04-Apr-2019	<i>Configuration Plan for the UASC InSight™ EFIS Obstacle Database</i>
(2)	CMR-100002 Rev. A, 16-Aug-2018	<i>AC21-153A Compliance Matrix Report for the UASC InSight™ EFIS Obstacle Database</i>
(3)	CP-100002 Rev. B, 23-Sep-2016	<i>RTCA/DO-200A Compliance Plan for the UASC InSight™ EFIS Obstacle Database</i>
(4)	DPRP-100002 Rev. G, 08-Apr-2019	<i>Data Processing Procedures for the UASC 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. G, 15-Mar-2018	<i>Target Data Quality Requirements for the UASC 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, 11-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:**

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 20-153A and RTCA/DO-200A, and the compatibility of the delivered data with the InSight™ Display System products.

	<b>Document Number</b>	<b>Description</b>
(1)	CFGP-100003 Rev. E, 18-Oct-2023	<i>Configuration Plan for the UA InSight™ EFIS NAV Reference Database</i>
(2)	CMR-100003 Rev. B, 18-Oct-2023	<i>AC 20-153A Compliance Matrix Report for the UA InSight™ EFIS NAV Reference Database</i>
(3)	CP-100003 Rev. D, 20-Jun-2018	<i>RTCA/DO-200A Compliance Plan for the UA EFIS NAV Reference Database</i>
(4)	DPRP-100003 Rev. F, 30-Oct-2023	<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>
(6)	DQR-100006 Rev. H, 18-Oct-2023	<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, 11-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:**

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 20-153A and RTCA/DO-200A, and the compatibility of the delivered data with the InSight™ Display System products.

	<b>Document Number</b>	<b>Description</b>
(1)	CFGP-100001 Rev. C, 04-Apr-2019	<i>Configuration Plan for the UASC InSight™ EFIS Terrain Database</i>
(2)	CMR-100004 Rev -, 22-Aug-2016	<i>AC 20-153A Compliance Matrix Report for the UASC InSight™ EFIS Terrain Database</i>
(3)	CP-100001 Rev. C, 17-Aug-2016	<i>RTCA/DO-200A Compliance Plan for the UASC EFIS Terrain Database</i>
(4)	DQR-100004 Rev. E, 15-Mar-2018	<i>Target Data Quality Requirements for the UASC 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. E, 08-Apr-2019	<i>Data Processing Procedures for the UASC 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, 11-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:**

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 E-1, compliance with AC 20-153A and RTCA/DO-200A, and the compatibility of the delivered data with the InSight™ Display System products.

	<b>Document Number</b>	<b>Description</b>
(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, 11-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)**