

Procedures demonstrating capability for design

EASA finding of compliance - AP234

1 Company name and address:

Northrop Grumman LITEF GmbH
Lörracherstrasse 18
D-79115 Freiburg im Breisgau
Germany

2 Design approval case for which the Company applied for an alternative procedure to DOA:

Eligibility	
ETSOA	
ETSO-C2	Airspeed Instruments
ETSO-C3	Turn and Slip Instruments
ETSO-C4	Bank and Pitch Instruments
ETSO-C5	Direction Instruments Non Magnetic Gyro Stabilized Types
ETSO-C6	Direction Instruments Magnetic Stabilized Type
ETSO-C7	Direction Instrument, Magnetic Non-stabilized Type (Magnetic Compass)
ETSO-C8	Vertical Velocity Instrument (Rate-of-Climb)
ETSO-C10	Aircraft Altimeter, Pressure Actuated, Sensitive Type
ETSO-C54	Stall Warning Instruments
ETSO-C88	Automatic Pressure Altitude Reporting Code Generating Equipment
ETSO-C92	Ground Proximity Warning, Glide Slope Deviation Alerting Equipment
ETSO-C95	MACH Meters
ETSO-C101	Overspeed Warning Instruments
ETSO-C106	Air Data Computer
ETSO-C115	Airborne Area Navigation Equipment using Multi-Sensor Inputs
ETSO-C145	Airborne Navigation Sensors Using the Global Positioning System (GPS) Augmented by the Wide Area Augmentation System (WAAS)

ETSO-C146	Stand-Alone Airborne Navigation Equipment Using the Global Positioning System (GPS) Augmented by the Wide Area Augmentation System (WAAS)
ETSO-C196	Airborne Supplemental Navigation Sensors for Global Positioning System Equipment Using Aircraft Based Augmentation
ETSO-C201	Attitude and Heading Reference Systems

3 Reference of Procedures:

<i>Reference</i>	<i>Title</i>	<i>Issue/Date</i>
140150-1110-000	VA Northrop Grumman LITEF GmbH's Manual of Alternative Procedures to DOA for ETSO Authorisation	Revision F / 15.07.2024

4 Statement of DOATL having checked the procedures

I hereby state technical approval of the procedures referenced above as meeting the requirements of 21A.602B(b)(2).

Name: Lex DOP

Signature:



Date: 04th February 2025

5 Approval:

Name: Robert BOERSMA

Position: Senior DOA Team Leader

Signature:



Date of issue: 04th February 2025