

ANNEX

Subject: Navblue – Dynamo version 1.0

To whomever it may concern,

Airbus has applied to EASA in April 2016 for an operational evaluation of the Dynamo software application for Windows and iOS (iPad).

Dynamo is a single software application developed by Navblue (Airbus subsidiary) enabling the display of airport maps and using a navigation source to depict the aircraft current position on this map while on ground. It includes a 3D view. The functional scope of Dynamo overall software is intended to evolve in future versions beyond the single AMMD function.

EASA evaluation was based on compliance data provided by Airbus / Navblue, limited functional tests on sample EFB host platforms. The requirements contained in Commission Regulation (EU) N° 965/2012 of 5 October 2012 (Air Operations Rules) have been considered together with AMC 20-25 (Airworthiness and Operational considerations for Electronic Flight Bags).

The main objective of the evaluation was to assess compliance with the applicable guidance, evaluate the associated compliance dossier proposed by Navblue and agree on recommendations to the operators in terms of EFB training, procedures, and administration.

Recommendations were made by EASA and were taken into account by Navblue in version 1.0 as well as for future versions.

Navblue publishes the Dynamo User and Compliance Manual (ref. X4611RP1708095, revision 1.0), which contains important considerations and recommendations for the use of the Dynamo application in compliance with Air Ops rules and EFB regulatory guidance. The manual covers in particular considerations on the position source, databases, V&V process, administration, flight crew procedures and training, and risk assessment.

EASA recommends operators to take into account the considerations and recommendations provided in the Dynamo User and Compliance Manual.

Dynamo shall not be used as a primary means of navigation. The primary means of taxiing navigation remains the use of direct visual observation out of the cockpit windows.

Further details on compliance with AMC 20-25, highlighting areas of operator responsibility, are contained in section 10 of the Dynamo User and Compliance manual. It is to be noted in particular that compliance demonstration aspects of EFB hardware aspects and EFB hardware integration in the operator's aircraft remain under operator's responsibility.

EASA recognizes that Dynamo version 1.0 satisfies the applicable guidelines of AMC 20-25 and has no technical objection to the grant by the National Authorities of an operational approval for the use of the application provided that the recommendations proposed in this letter and the Dynamo User and Compliance manual revision 1.0 from Navblue are taken into account.

This letter does not constitute an Operational Approval, operators remain responsible for demonstrating compliance with the EFB requirements and guidance of their National Aviation Authority.

Sincerely,



Carla Iorio,

CC: Dimitri Garbi