

FIRST PD-14 AIRCRAFT ENGINE ARRIVED TO IRKUTSK AVIATION PLANT FOR THE INSTALLATION ON MC-21

News / Manufacturer



In January PD-14 aircraft engines were delivered from UEC-Perm Engines to Irkutsk Aviation Plant (IAZ). They will be installed on Russian MC-21-300 airliner the flight tests of which will start in the mutually agreed by UAC and UEC timeframes. This reported by UEC Perm Engines press-service.

For the first time PD-14 engines have covered the distance of almost 4 thousand kilometers by special lowboy trailer – from Perm to Irkutsk. At the aviation plant they were transferred to the podding (final assembly of power plants) area where UEC-PE and IAZ specialists visually inspected external preservation covers, checked and switched off vibration transducers capturing possible in-transportation hits. Later on, the power plants will be subject to the incoming inspection.

Currently technicians of JSC UEC-PE and JSC UEC-Aviadvigatel have been ganged up for the engines technical support in the flight and certification tests. For these purposes, necessary sets of spare parts for PD-14 and onboard tool kits have been prepared at Perm Engines. The onboard

tool kits are equipped with capability to check visually tool availability, the layout and identification are on the world top practices level. All of this shall allow maintenance with minimum time loss and help to ensure tests and further operation of Perm engines on MC-21 wing.

First, PD-14 will be mounted to the aircraft pylons. After that, the engines tests as part of the aircraft systems will be initiated, instrumentation package will be installed to determine power plant performance indices during the flight certification tests of MC-21 airliner, essential for the obtaining of aircraft type certificate.

Once completed, the airliner will undergo ground and flight factory tests intending to define flight and operation performances of the airliner in general, as well as to check the operation of its major units.

The first flight of MC-21 powered by PD-14 is expected in the preset timeframes.

24 JANUARY 2020

SOURCE: RUAVIATION

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