

TECHNICAL SPECIFICATION

FOR REMOUNTING THE IAR 823 AIRPLANE NO 36

NOTE

1. The assembling items are to be found on the subassies from where they were dismantled.
2. The lockings, securing and adjustments of installations and controls shall be performed according to the Maintenance Manual.

The following sequence of operations shall be observed when remounting airplane :

- unpacking + de-storing
- airplane fixed on supports, landing gear extended according to para 1.4 of the Maintenance Manual.

MOUNTING :

- aileron control rod P/N 823.10.481 - in the front fuselage
- left-right wings P/N 823.02.401/402 - on mainplane junction fittings
- left-right flaps P/N 823.04.401/402 on wing and mainplane supports
- flap control rod - on flap hinge
- aileron control rod P/N 823.10.48 - on aileron hinges
- connection sleeves of fuel pipes from wing and mainplane
- fin assy P/N 823.05.407 - on rear fuselage junction fittings
- stabilizer assy P/N 823.05.404 - on rear fuselage hinges
- rudder assy P/N 823.05.408 together with Flettner P/N 823.05.403 on fin hinge and rear fuselage hinge
- left-right elevator assies P/N 823.05.414/411 together with trimmers P/N 823.05.476/473 - on stabilizer hinges
- elevator control rod P/N 823.10.419 - on elevator control lever

- elevator trimmer control rod P/N 823.10.572/581
- rudder control rod P/N 823.10.466 - on rudder hinge
- rudder flettner control rod P/N 823.05.438 - on flettner hinge
- connection bands between wings and mainplane
- fairings between tails and rear fuselage
- Lycoming engine equipped on firewall (supported by crane) with the suitable assembling items and tightening rated at $M=3.2$ kg.m according to the Maintenance Manual
- strut P/N 823.06.442A - joined to front leg P/N 823.06.432A by means of the suitable assembling items as per Maintenance Manual
- intake control (gas), throttle (connection in the engine area) and propeller pitch control (connection in the firewall area), according to the Maintenance Manual
- fuel and oil pipes (connection) in the firewall area, according to the Maintenance Manual
- electric system (connection) according to the Maintenance Manual
- lower cowl
- intake heating control (connection) - in the lower engine cowl and extinguisher connection according to the Maintenance Manual
- Hartzell propeller with gaskets B1322 and PRP 902-32 with the relevant assembling items (the engine and propeller flanges shall be previously cleaned with unleaded gasoline) the screws shall be tightened with a torque of 9 ± 0.7 kg.m, according to the Maintenance Manual and Hartzell Propeller Operator's Manual
- slip, upper engine cowl

BT 501:

Ing. Iancy C-tin
