



Quality aircraft since 1974

SERVICE LETTER February 2006 REV 1

Issue Date

February 2006

Subject/Purpose

Installing new lightweight landing gear - OPTIONAL

Affected Models

20-0002 to present

Compliance Time

None.

Maintenance

As per Service Manual.

Required Parts

Part Number	Description	Qty
20-M-102-1	Main gear spring	1
20-M-102-2	Main gear support (steel)	1 Left & 1 Right
AN6H-11A	Bolt	4
20 -F-19-2	Main gear nut	4
20-L-3-4	Rubber spacer (cut to size on assembly) (HH-16)	4

Installation:

For removal and reinstallation of main gear, see Service Manual section 5.2. Use new bolts and other hardware in the above table. If your new gear does not have the Lateral Stops 20-L-1-2, remove from old gear and install to new gear.

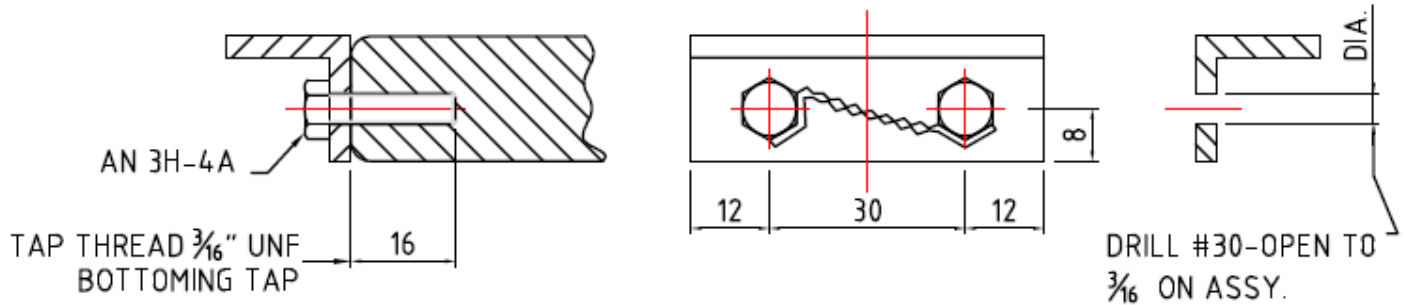
Before torquing the 4 bolts, complete the installation with top-bottom 20-L-3-4 "rubber spacers" and lower the aircraft so that the weight of the aircraft is on the top rubber piece. When tightening the bolts, do not bend the gear support. Torque and safety tie the 4 bolts AN6H-11A with safety wire to 20-M-102-2. Rubber spaces must be tight top and bottom.

For installation of the axel and wheel including brakes, see Service Letter of November 2005.

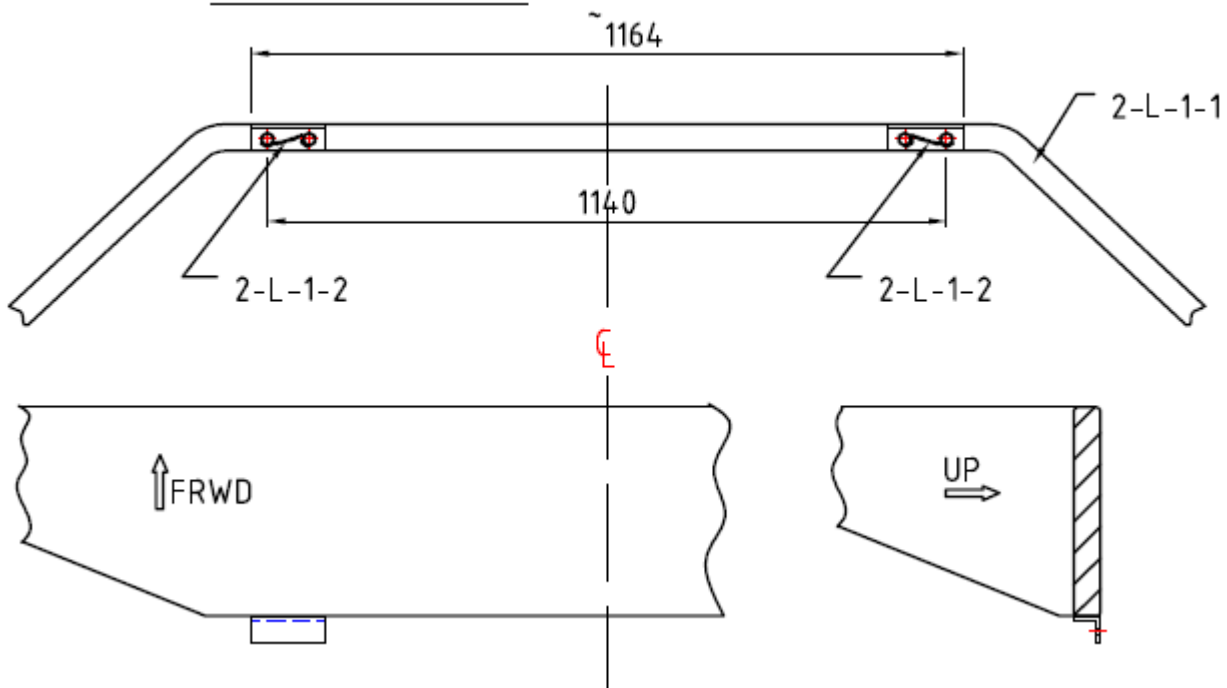
Lateral Stops

Install the Lateral Stops, Part Number 20-L-1-2. Qty 2. These parts can be transferred over from the older gear that is being replaced. The stops are used to prevent the gear from sliding left or right. Drill, tap and install as per following.

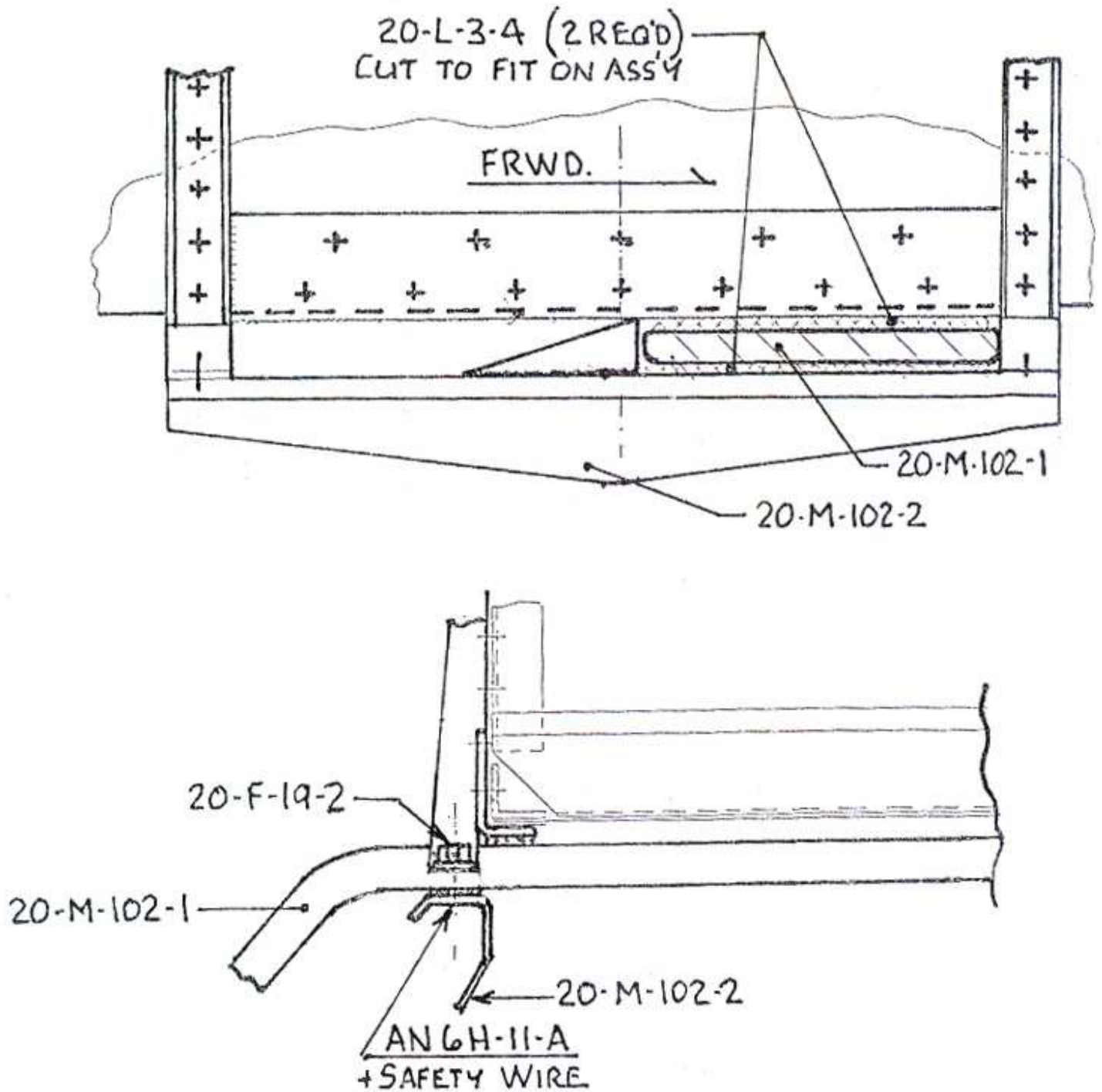
LATERAL STOPS L 3/4" x 3/4" x 1/8" OR .093" 2- Rqrd.



VIEW FROM REAR



Landing gear assembly



For additional information contact Zenair Ltd.

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