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## **SERVICE LETTER August 22 02**

**Issue Date**

August 22 2002

**Subject/Purpose**

This Service Letter defines nose gear re-enforcement.

**Affected Models**

The affected models are aircraft CH 2000 serial numbers 20-002 and up.

**Compliance Time**

Non as of issue date

**Inspection**

Non

**Required Parts – Firewall:**

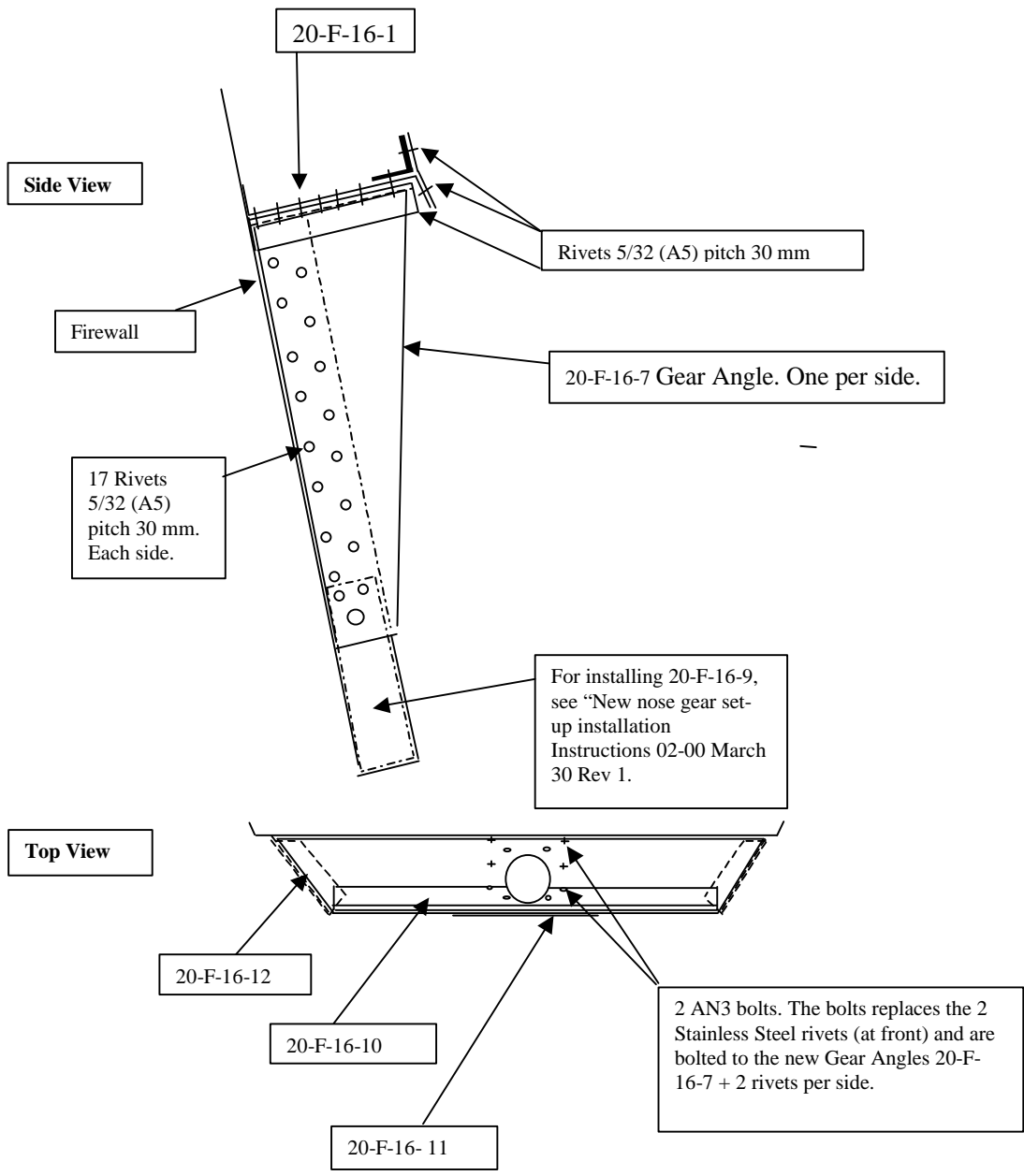
20-F-16-7/4	Gear Angle, t=.040 aluminum 6061-T6	Qty 1L+1R
20-F-16-10/0	Upper Angle, t=.063 aluminum 6061-T6, L=435mm L angle	Qty 1
20-F-16-11/0	Forward Gusset, t=.063 aluminum 6061-T6, L=200mm	Qty 1
20-F-16-12/0	Side Brace, t=.040 aluminum 6061-T6, L=170mm L angle	Qty 1
A5	5/32 aluminum rivet	Qty 68
AN3-6A	3/16 bolt with nut and washer	Qty 2

**Required Parts – Tail Skid area:**

20-F-4-7/0	Lower rear side skin Doubler	Qty 2
20-F-39-2/0	Rubber washer	4
20-F-39-3/1	Rubber hose	1
20-F-39-5/2	Bushing	2
AN5-17A	Bolt	2
2"x3/8 UNF	Bolt	1

**Firewall Area**

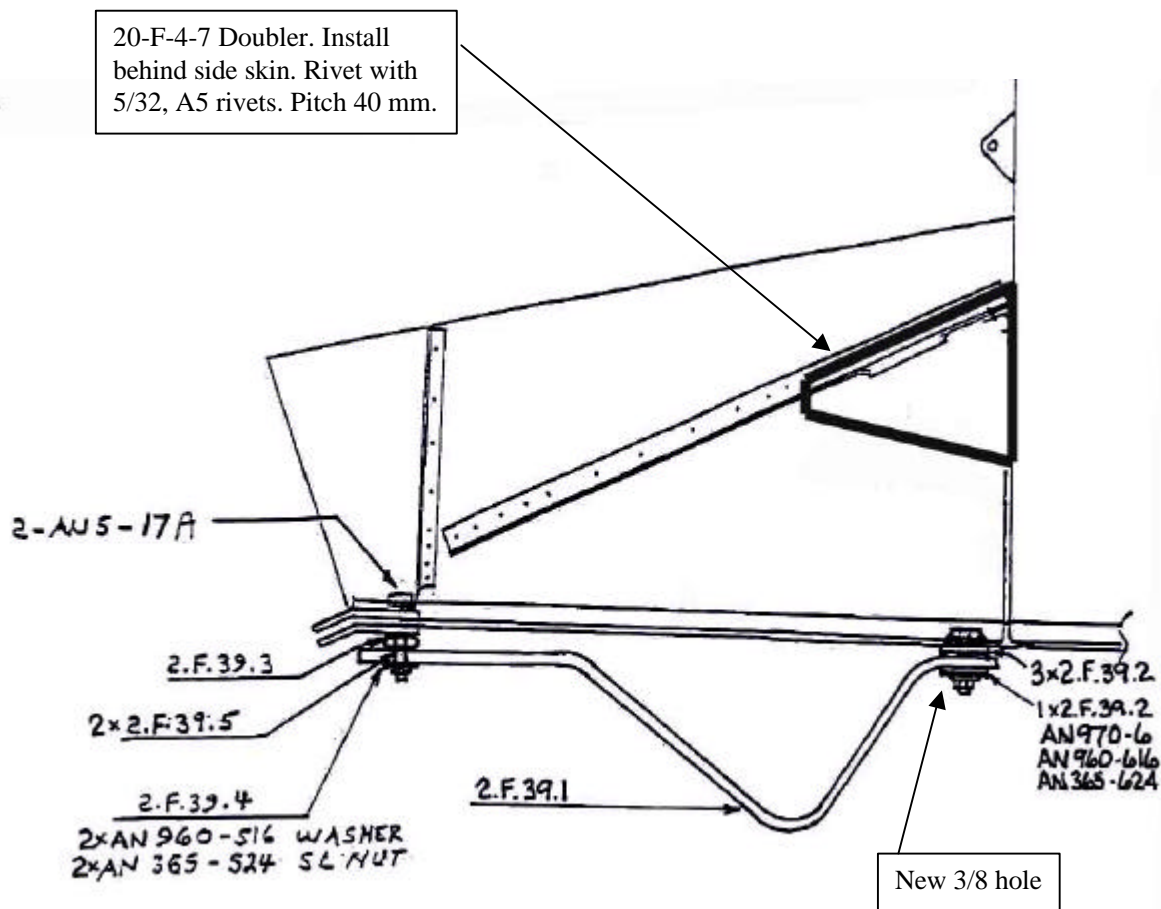
Assemble parts as per following drawing. Remove engine from firewall, remove gear bungee and bungee pin 20-F-16-5, and remove angles 20-F-16-7. Make sure that Center Channel Doubler 20-F-16-9 is already installed as per "New nose gear set-up installation Instructions 02-00 March 30 Rev 1.



## Tail Skid Area

Remove tailskid 20-F-39-1. Drill 3/8 hole in tailskid, 35 mm from the end, that has no hole. Turn tailskid around and reinstall with above hardware.

Install Lower rear side skin Doubler. Drill out rivets where Doubler will go. Slide Doubler between side skin and horizontal tail frame, drill through existing holes through Doubler. Add a rivet line with similar rivet pitch, about 40 mm. apart. Rivet with 5/32, A5 rivets.



For additional information contact Zenair Ltd.

**ZENAIR LTD, HURONIA AIRPORT, MIDLAND, ONTARIO, CANADA L4R 4K8**  
**TEL:(705) 526-2871 - FAX:(705)526-8022**