

SERVICE KIT: 764 981V

SERVICE PUBLICATION:

MODEL	EFFECTIVITY
PA28-140	28-20000 thru 28-26946
PA28-150/160	28-7125001 thru 28-7725290
PA28-180	28-01 thru 28-4377
	28-671 thru 28-5859
PA28R-180	28-7105001 thru 28-7505260
	28R-30004 thru 28R-31270
PA28R-200	28R-7130001 thru 28R-7130013
	28R-35001 thru 28R-35820
PA28-235	28R-7135001 thru 28R-7635545
	28-10001 thru 28-11378
	28-7110001 thru 28-7710089
	28-7415001 thru 28-7715314
PA28-151	28-7415001 thru 28-7715314

C		A		LTR	CHARTSMAN	
EWB		J.G.		SV	STATION	J. GONZALEZ
1-12-87		6/21/90		DATE	PRO-THAT	11-7-83
		1/2		APPD.		
D		B		LTR	SCALE	LAST SECTION OF LAST VIEW
R.C.		Rc		SV	SAL. WT.	ACT WT.
1/8/88		1-17-88		DATE	TOL. HOLE - .010 IN DIA. MAX. DEEP. - .10	
V.I.		1/1/9		APPD.	MANUFACTURING PRACTICES PIPER SPEC 3	

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PIPER AIRCRAFT CORP.
VENO BEACH, FLORIDA

DOA		
MANUFACTURING		
MATERIALS		

INERTIA SAFETY SHOULDER BELT INSTALLATION

KIT NO: 764 981V	
1	87576
8	

D

INSTRUCTIONS: Typical left and right except as noted on sheet 8, Figure 4 and Figure 5.

1. For ease of installation, remove pilot and co-pilot's seat. Peel back headliner as required to obtain access to skin as shown on sheet 5.
2. Refer to sheet 6, Section A-A.
For ease of installation, sub-assemble clip 62506-00 to 99686-00 and 99686-01 (Ref. dimension .06 and .20). Locate 99686-00 (Ref dimension 14.13 on sheet 5). Drill (2) .129 holes thru pilot holes on 62506-00 clip thru upper longeron and cleco in place. Locate 99764-00 clip and rivet to 99686-00 channel and longeron. Remove clecos from 62506-00 and rivet in place. Locate doubler 99692-00 on top of flange of 99686-00 channel. Drill (9) .129 holes (ref) 9 equal spaces and install noted rivets.
3. Refer to Figure 2, sheet 5.
Back drill thru 99692-00, (5) .129 holes using pilot holes on doubler and install (5) 420 216 rivets. Install remaining rivets as shown in Figure 2.
4. Refer to Section B-B, sheet 7.
Install clip 96791-00 with noted hardware. (Note: Channel has pre-drilled holes for installation of clip). (Install inertia reel with noted hardware, rotate reel to 79° 30' (Ref sht.5, Fig. 2) then tighten hardware),
5. Refer to View C-C, sheet 6.
Locate 99741-00 gusset as shown. Using pilot holes in gusset, drill (4) .129 holes, dimple longeron, frame and gusset 100° x .216 dia. Install (4) 420 722 rivets.
6. After installation of headliner (cut out as required to clear inertia reel operation) refer to sheet 7, Figure 3 for inertia reel cover installation.
7. Refer to sheet 8 for installation of storage clips for inertia reels.
8. Remove existing seat belts (pilot's and co-pilot's) and discard. Install (2) new seat belts 551 435 (PS50039-4-26).
9. Re-install pilot's and co-pilot's seats.
10. Enter new weight and balance in the Weight and Balance section of the Airplane Flight manual. Weight, arm and moment of Piper Kit Modification 764 981V.
Weight: 3.0 Arm Aft Datum: 116.3 Moment: 323
11. Make appropriate Log Book entry of kit installation.

PIPER AIRCRAFT CORPORATION
VERO BEACH, FLORIDA

INERTIA SAFETY SHOULDER BELT INSTALLATION

FIG. NO. 764 981V

SHT. 4

DWG. NO. 87576

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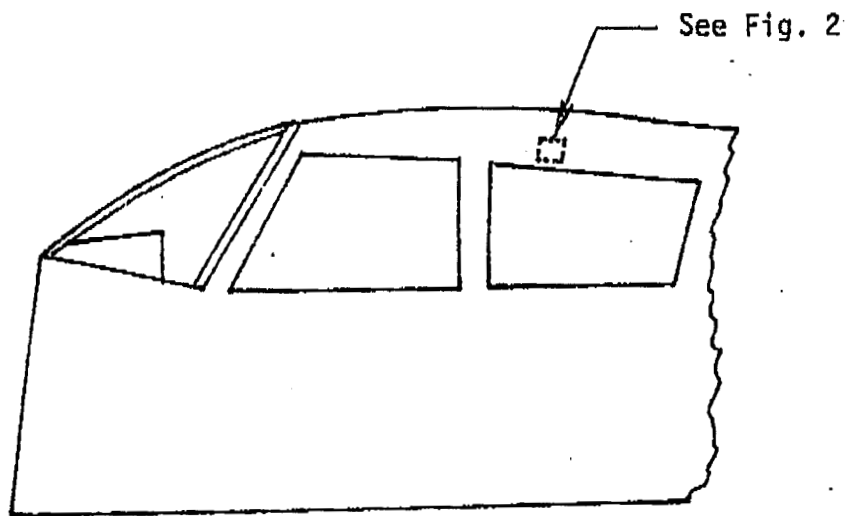
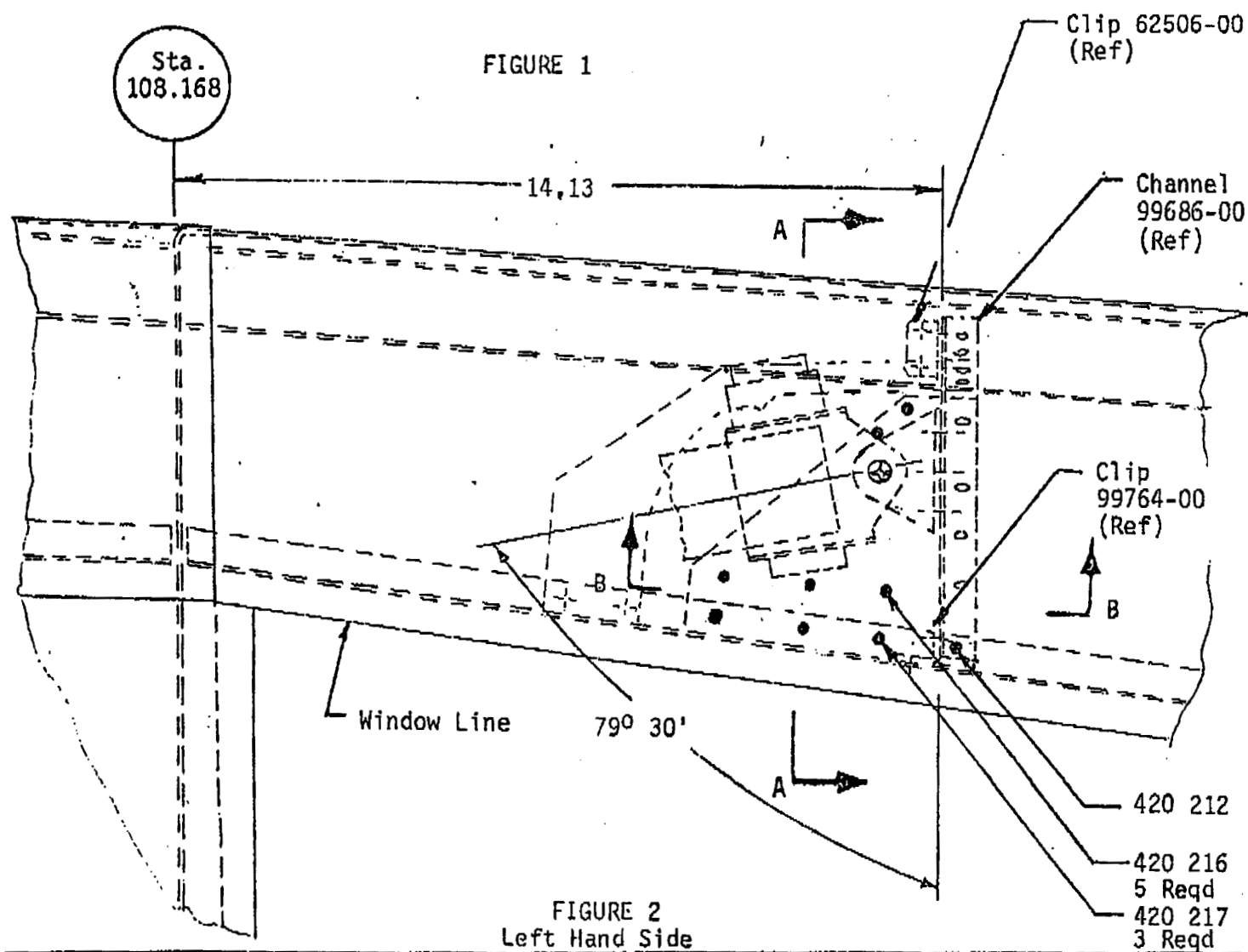


FIGURE 1



PIPER AIRCRAFT CORPORATION
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INERTIA SAFETY SHOULDER BELT INSTALLATION

IT NO.

764 981V

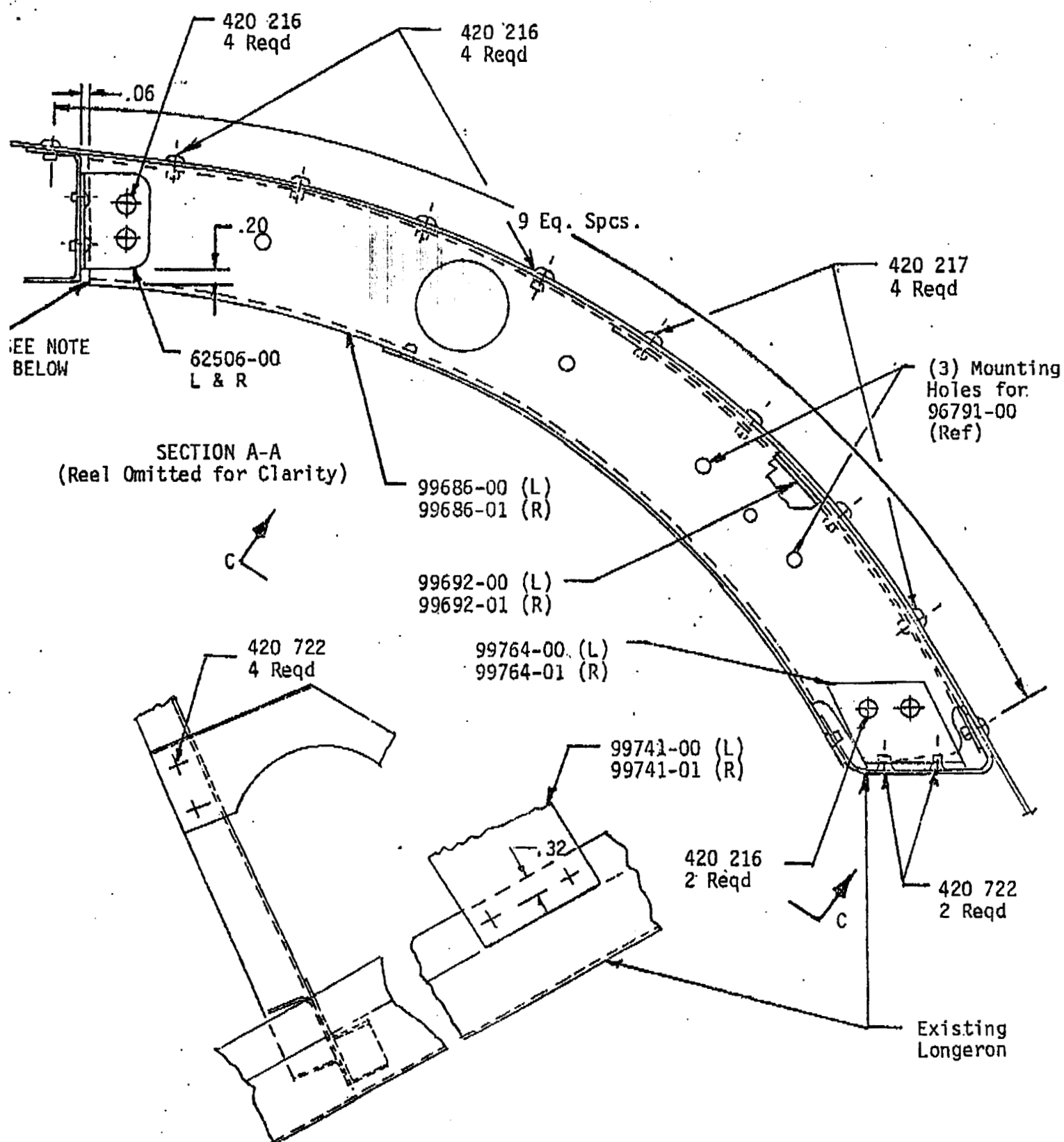
15HT.

5

DWG. NO.

87576

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VIEW C-C

NOTE: ON SOME EARLIER MODELS IT WILL BE NECESSARY TO TRIM .76 FROM THIS END OF CHANNEL AND ROUND OFF CORNERS.

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INERTIA SAFETY SHOULDER BELT INSTALLATION

KIT NO. 764 981V

SHT. 6

DWG. NO. 87576

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