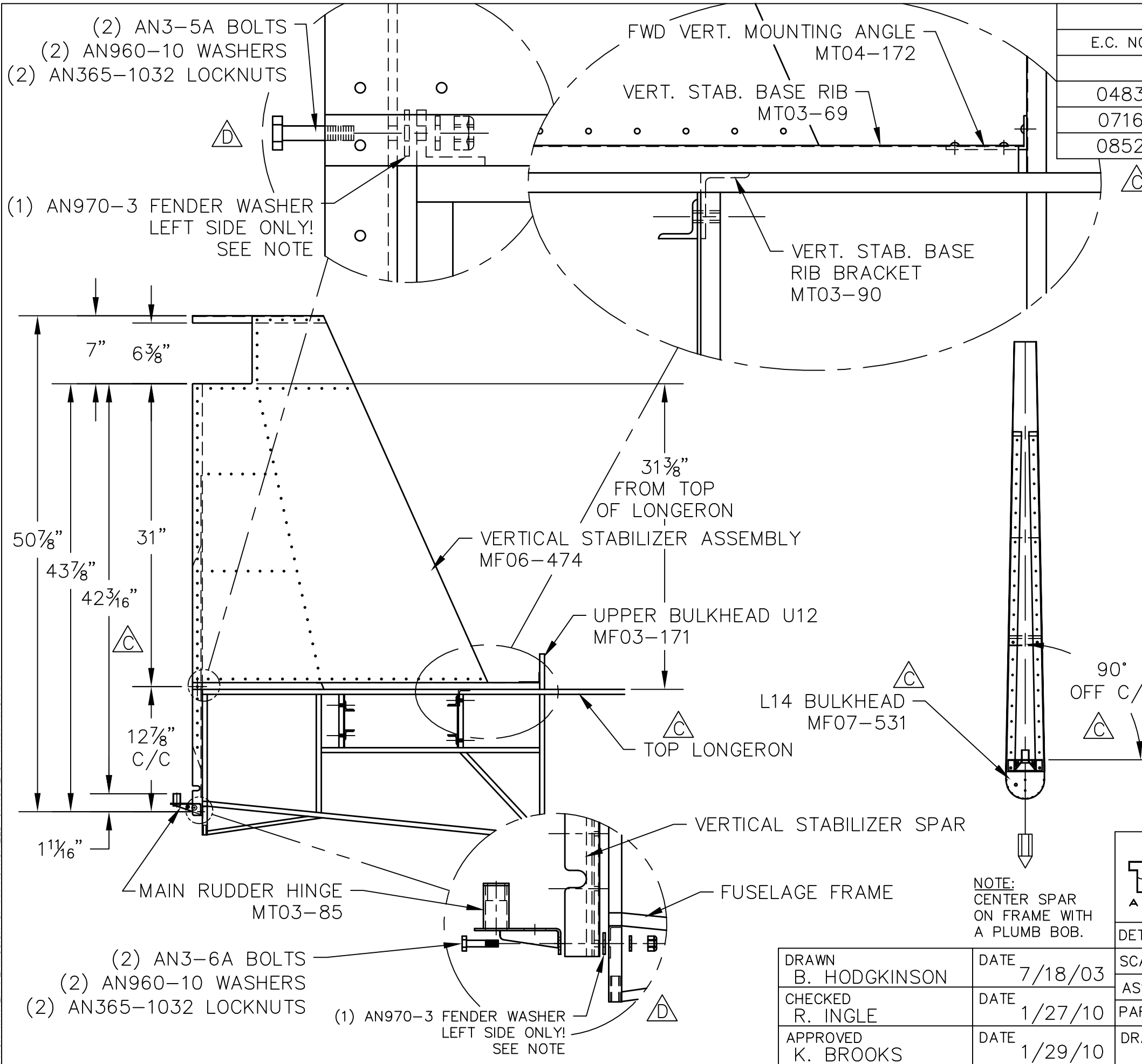


THIS DOCUMENT PROPRIETARY TO TITAN AIRCRAFT, AND IS NOT TO BE USED, CIRCULATED, REPRODUCED, COPIED, OR DISCLOSED IN ANY MANNER WITHOUT PRIOR WRITTEN PERMISSION OF AN AUTHORIZED OFFICIAL OF TITAN AIRCRAFT.



REVISIONS				
E.C. NO.	REV.	DESCRIPTION	BY	DATE
	A	DRAWING RELEASED	BH	7/03
0483	B	CORRECTED DRAWING	SH	6/07
0716	C	NOTES ADDED	SH	6/08
0852	D	IEWS ADDED	SH	1/09

NOTES:
 - LEVEL FUSELAGE FRAME FROM FWD-AFT AND LEFT-RIGHT.
 - VERTICAL STAB. AND RUDDER SHOULD BE MOUNTED PRIOR TO MOUNTING HORIZONTAL STABILIZERS.
 - FOR RUDDER INSTALLATION REFER TO DRAWING T51-03-INS-0862.
 - CLAMP LOWER HINGE (MT03-85) IN PLACE, ATTACH RUDDER AND CHECK POSITIONING BEFORE DRILLING. (COUNTERWEIGHT AREA.)
 - THE VERTICAL STABILIZER BASE RIB BRACKET (MT03-90) IS ATTACHED TO THE BOTTOM OF THE VERTICAL STABILIZER.
 - RUDDER TRIM ELECTRICAL WIRE SHOULD BE ROUTED THROUGH THE PIVOT TUBE ON MT03-85 AND LOWER BULKHEAD L14 (MF07-531).
 - USE (4) SD45BS RIVETS TO ATTACH BASE RIB BRACKET (MT03-90) TO CARRYTHRU AND (15) SD43BS RIVETS TO ATTACH FWD VERT. MOUNTING ANGLE (MT04-172) TO BULKHEAD U12 & VERTICAL STABILIZER BASE RIB (MT03-69).
 - DO TO THE VERTICAL OFFSET WHICH IS TO THE LEFT, (2) AN970-3 FENDER WASHERS ARE NEEDED BETWEEN THE VERTICAL SPAR AND FUSELAGE FRAME (THIS IS FOR THE LEFT SIDE ONLY! USE WASHERS ON TOP AND BOTTOM BOLTS TO FILL 1/16" GAP.

NOTE:
 CENTER SPAR ON FRAME WITH A PLUMB BOB.

TITAN AIRCRAFT SUPPLY
 1419 STATE ROUTE 45 SOUTH
 AUSTINBURG, OHIO 44010

DETAIL NAME VERTICAL STABILIZER/RUDDER INSTALLATION

DRAWN B. HODGKINSON	DATE 7/18/03
CHECKED R. INGLE	DATE 1/27/10
APPROVED K. BROOKS	DATE 1/29/10

SCALE 1/8"=1"	PART NO.
ASSEMBLY NAME	
PART NO.	DRAWING NO. F38
DRAWING NO. B T51-03-INS-0828-D	