



DRILL 1/8 RIVET HOLES 90° TO ROLL PIN, DO NOT DRILL RIVET HOLES INTO THROTTLE SHAFT.

VIEW LOOKING AT END OF P/N E15-3120 (FROM RH. SIDE OF FRAME)

VIEW LOOKING FROM REAR OF SHIP

SEE NOTE A

ADD SAFETY WIRE

MATCH DRILL 3/16 DIA. TYP. BOTH ENDS

5/16-24 NF RH 1/4 DEEP

TRIM TO FIT ON ASSY.

POSITION FOR BEST ALIGNMENT AFTER ROTOR HUB IS INSTALLED.

WELDED IN POSITION

SHOWN IN FLAT

TRIM AS REQD. TO ADJUST THROTTLE ROLL PER NOTE A Z-E7

FULL STOP TO STOP THROTTLE ROLL AT FULL DOWN COLLECTIVE MUST BE AT LEAST 143°

NOTE: P/N E15-3230 SHOULD BE 2" INSIDE P/N E15-3100 WHEN WELDED.

REF. NO.	PART NO.	PART NAME	QTY.
1.	E00-5102	1/8 X 1-1/8 ROLL PIN.....	2
2.	E00-6202	1/8 X 1/4 STEEL POP RIVETS.....	4
3.	E15-6120	END PLUG.....	2
4.	E15-3100	THROTTLE GRIP SLEEVE.....	3
5.	E15-3150	PILOT THROTTLE SHAFT.....	1
6.	E15-6110	NYLON THROTTLE SHAFT BUSHING.....	6
7.	E15-3110	PILOT COLLECTIVE STICK.....	1
8.	E15-3160	THROTTLE CONNECTOR.....	1
9.	E15-3170	TRANSFER SHAFT.....	1
10.	E49-1400	ELASTOMERIC CONTROL ROD.....	2
11.	E15-5190	"G" CONTROL ARM.....	1
12.	E15-1230	5/16 MALE ROD END.....	2
13.	E15-6130	COLLECTIVE CONTROL END PLUG.....	2
14.	E00-2501	BOLT 5/16 X 1/2 DRILLED HEAD.....	2
15.	E15-3120	COLLECTIVE CROSS SHAFT.....	1
16.	E15-3130	CONTROL STICK STUB.....	1
17.	E00-2305	BOLT 3/16 X 1-1/8.....	2
18.	E15-5110	"B" CONTROL ARM.....	3
19.	E00-4600	3/8 WASHER.....	6
20.	E00-5101	1/8 X 3/4 ROLL PIN.....	2
21.	E15-1150	1/4 MALE ROD END.....	2
22.	E24-7530	THROTTLE CABLE ASS'Y.....	1
23.	E00-2419	1/4" EYE BOLT, CASTLE NUT COTTER PIN.....	1
24.	E00-2304	BOLT 3/16 X 7/8.....	1
25.	E00-2407	BOLT 1/4 X 1-3/8.....	2
26.	E15-3140	THROTTLE STOP.....	1
27.	E00-2306	BOLT 3/16 X 1-1/4.....	3
28.	E00-2514	BOLT 5/16 X 1-3/4.....	1
29.	E00-2412	BOLT 1/4 X 2-1/8.....	1
30.	E15-1190	NYLON PIVOT BUSHING.....	2
31.	E15-6131	CROSS SHAFT MOUNT BUSHING ALUMINUM.....	2
32.	E00-2400	BOLT 1/4 X 5/8.....	1
33.	E15-3220	MAIN THROTTLE SHAFT.....	1
34.	E15-3230	CONTROL STICK (DUALS).....	1
35.	E15-3210	THROTTLE SHAFT SLEEVE (DUALS).....	1
36.	E15-3200	COLL. STICK TABS (FROM E15-3140).....	2
37.	E12-5160	(REF. P/N) BRACKET.....	1
38.	E12-3170	(REF. P/N) BRACKET.....	1

ROTORWAY INTERNATIONAL  
PHOENIX, ARIZONA

SCALE: NONE  
DATE: 2-1-91

APPROVED BY: *[Signature]*  
DRAWN BY: WAB

REVISIONS: \_\_\_\_\_

COLLECTIVE CONTROL

DRAWING NUMBER  
E15-2000