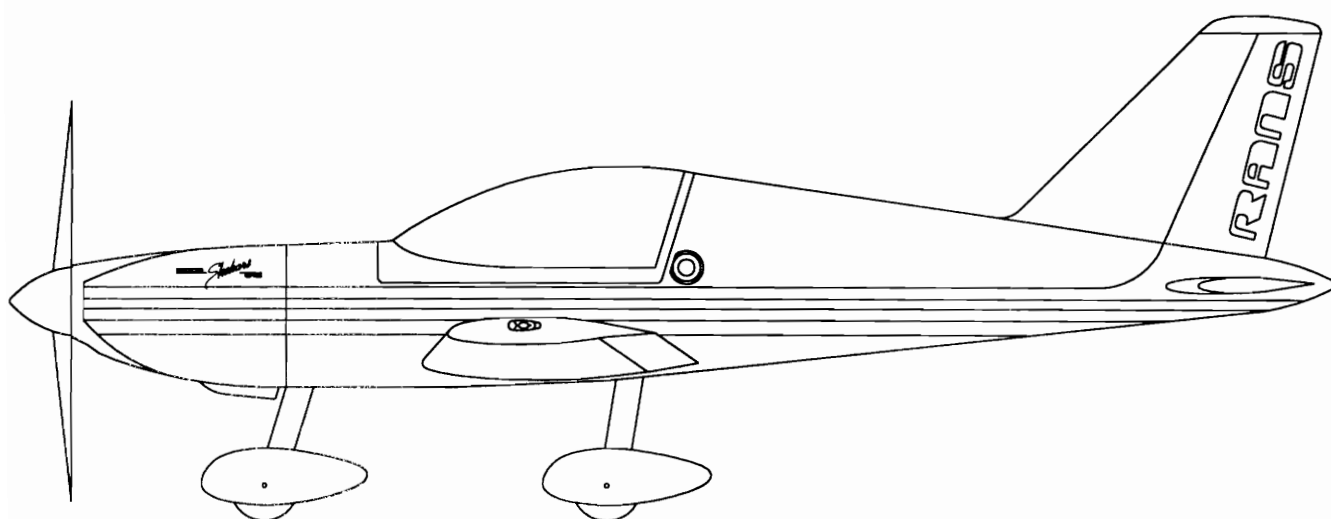


RANS

Shekari

S-16



RANS S-16 SHEKARI
PARTS MANUAL

RANS S-16 SHEKARI

Parts Table of Contents

SECTION NAME

SECTION NUMBER

FUSELAGE

02

WING

03

CONTROL SURFACES

04

INTERNAL SYSTEMS

05

ENGINE SYSTEMS

06

CANOPY

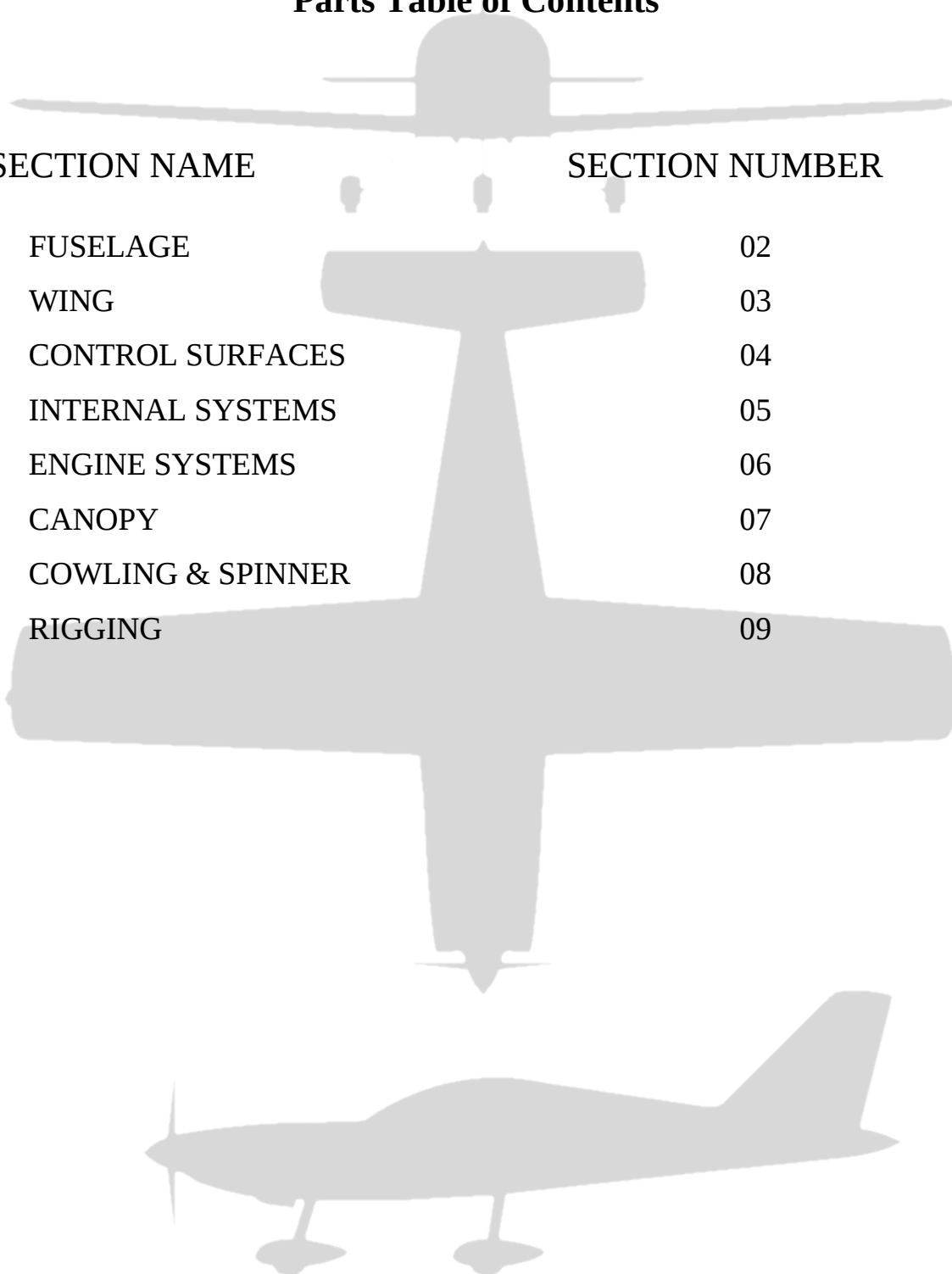
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COWLING & SPINNER

08

RIGGING

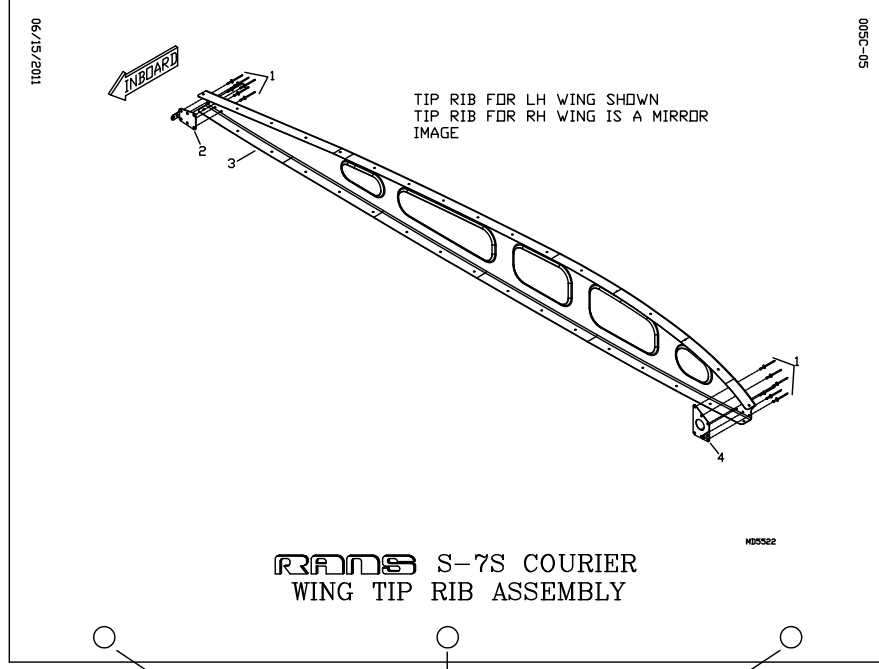
09



STEP 1:

PARTS MANUAL AS SHIPPED or PRINTED.
PLACE IN 3-RING BINDER TO SECURE.

PARTS DRAWING PAGE



3-HOLE PUNCH

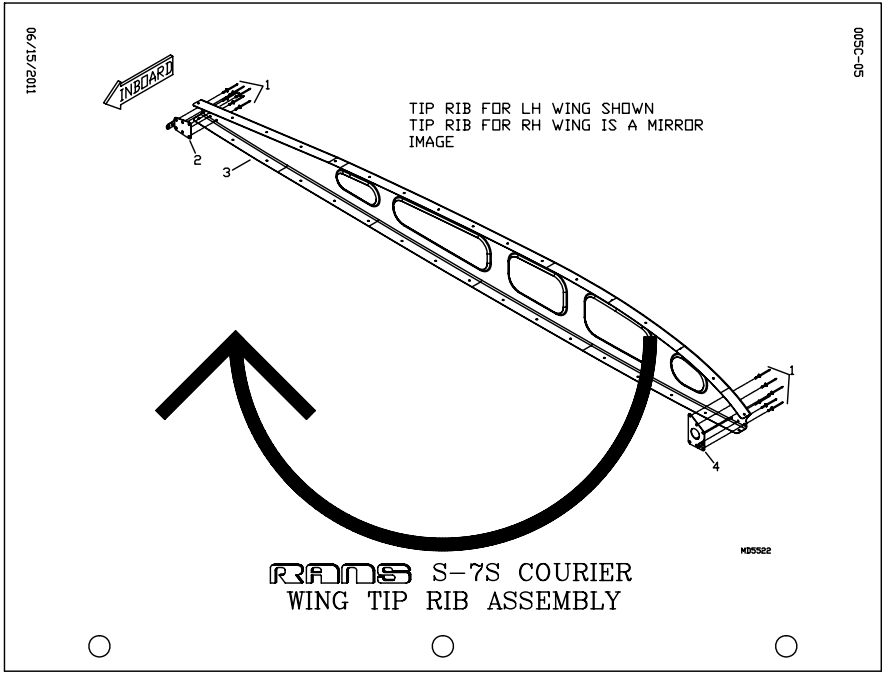
EXAMPLE ONLY.
MAY NOT REPRESENT ACTUAL PAGES
FROM YOUR MANUAL.

SEE NEXT PAGE

STEP 2:

OPEN 3-RING BINDER.
REMOVE PARTS DRAWING PAGE AND
ROTATE 180° TO FACE
CORRESPONDING
PARTS DESCRIPTION PAGE.
REPEAT FOR REMAINING PAGES

PARTS DRAWING PAGE



PARTS DESCRIPTION PAGE

S-7S COURIER - WING - TIP RIB ASSEMBLY				PAGE 005C-06
#	DESCRIPTION	PART NUMBER	QUANTITY	
1.	1/8" ALUMINUM RIVET	AAQ-41	24	
2.	RIB CLIP TRAILING EDGE - LH	KPW0372-L	4	
2.	RIB CLIP TRAILING EDGE - RH	KPW0372-R	1	
3.	WING TIP RIB - LH	KPW0544-L	1	
3.	WING TIP RIB - RH	KPW0544-R	1	
4.	RIB CLIP LEADING EDGE - LH	KPW0373-L	1	
4.	RIB CLIP LEADING EDGE - RH	KPW0373-R	1	

6/15/2011

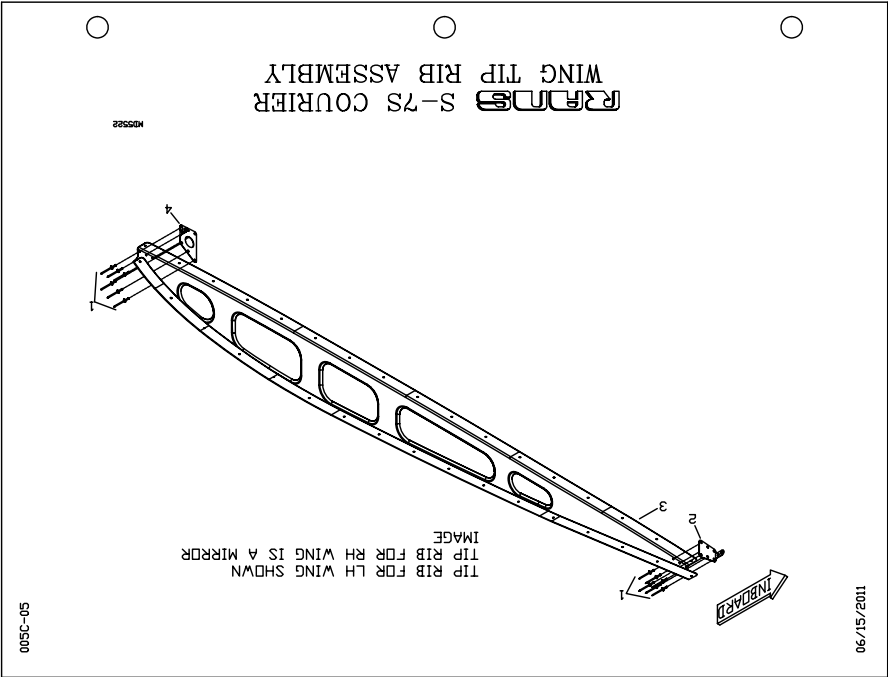
EXAMPLE ONLY.
MAY NOT REPRESENT ACTUAL PAGES
FROM YOUR MANUAL.

SEE NEXT PAGE

STEP 3:

PARTS DRAWING PAGE
FACES CORRESPONDING
PARTS DESCRIPTION PAGE
WHEN FINAL SECURED IN
BINDER

PARTS DRAWING PAGE



PARTS DESCRIPTION PAGE

PAGE 005C-06

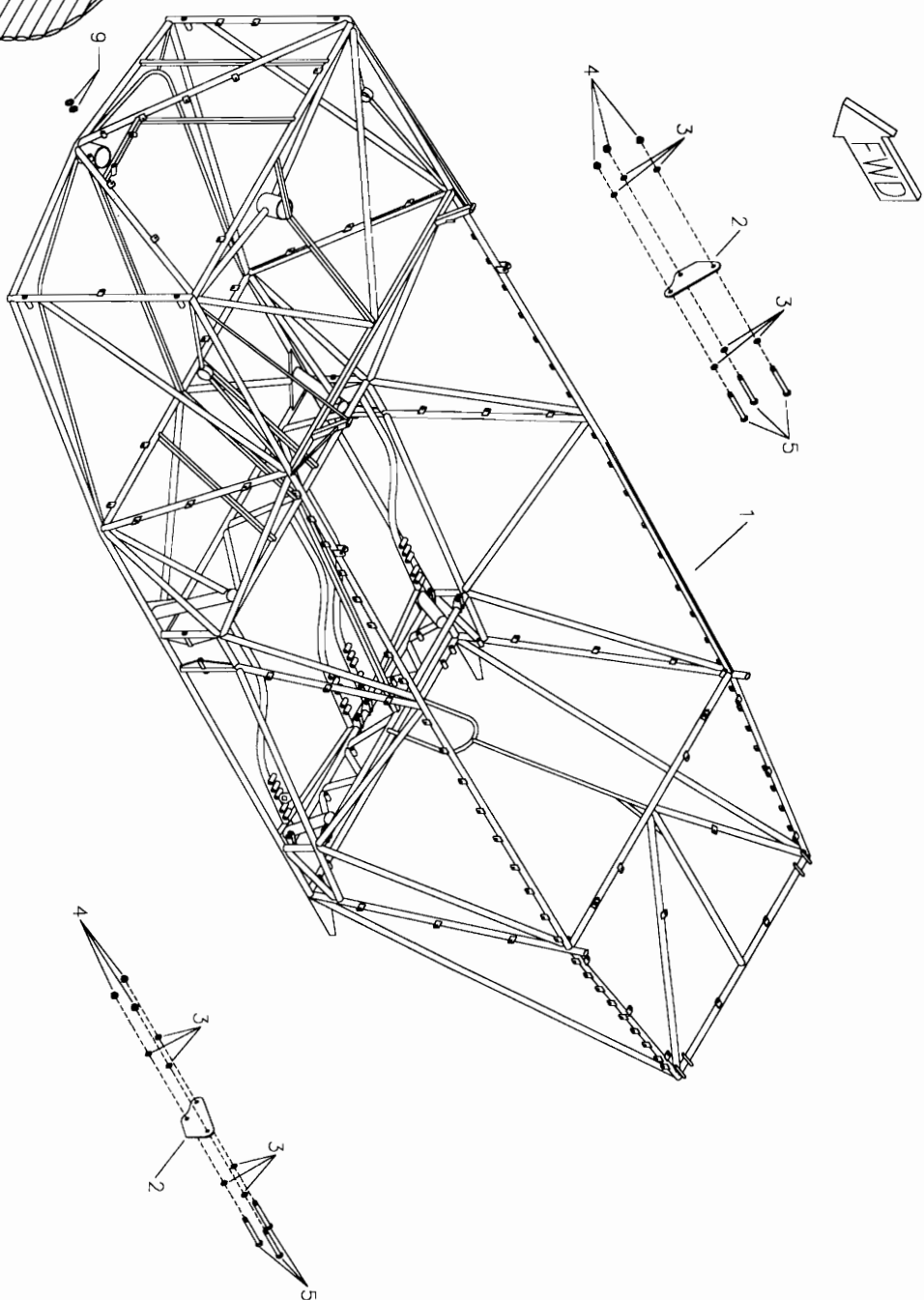
S-7S COURIER - WING - TIP RIB ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" ALUMINUM RIVET	AAQ41	24
2.	RIB CLIP TRAILING EDGE - LH	KPW0372-L	4
2.	RIB CLIP TRAILING EDGE - RH	KPW0372-R	1
3.	WING TIP RIB - LH	KPW0544-L	1
3.	WING TIP RIB - RH	KPW0544-R	1
4.	RIB CLIP LEADING EDGE - LH	KPW0373-L	1
4.	RIB CLIP LEADING EDGE - RH	KPW0373-R	1

6/15/2011

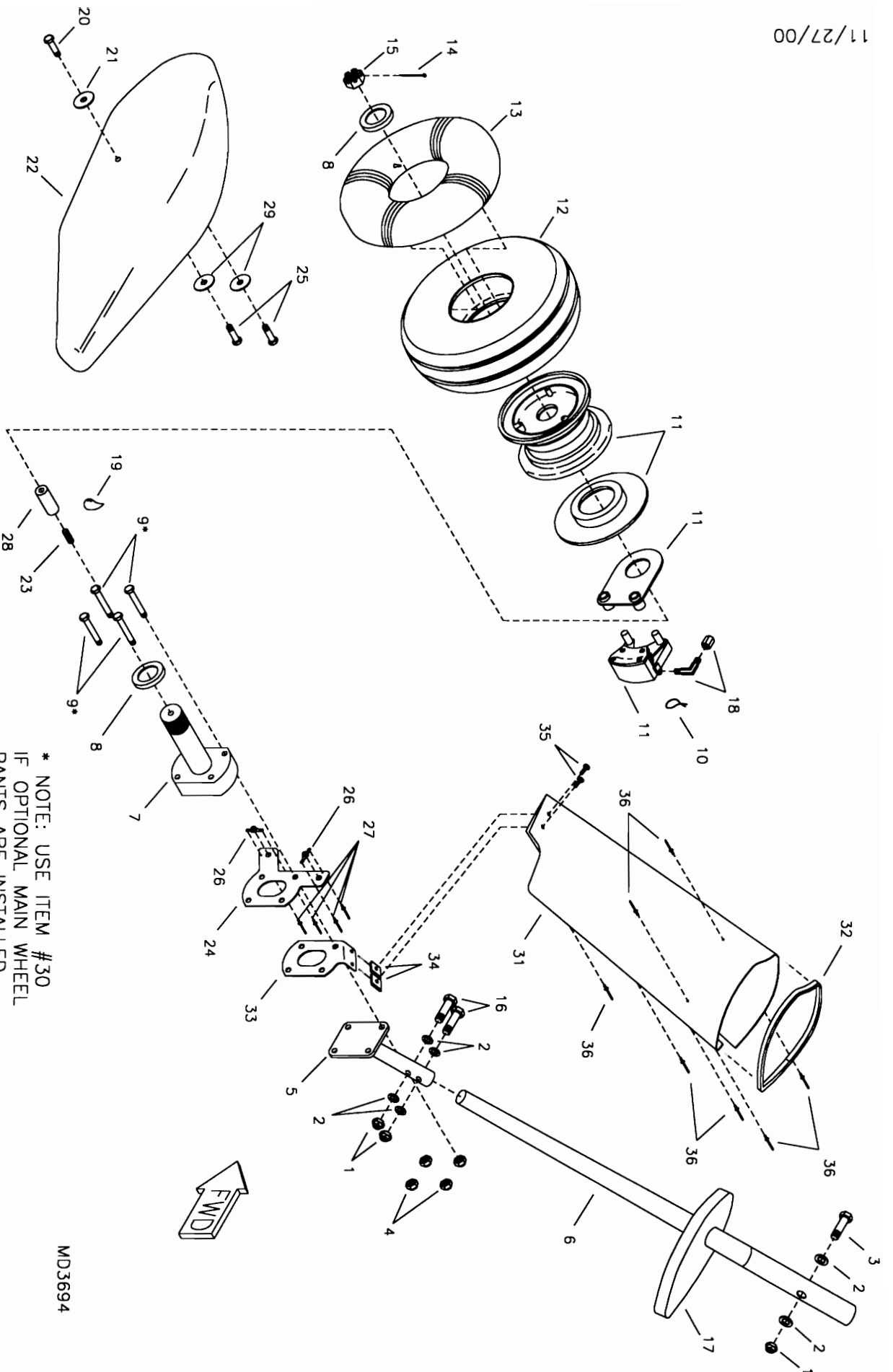
EXAMPLE ONLY.
MAY NOT REPRESENT ACTUAL PAGES
FROM YOUR MANUAL.

RRMGS S-16 SHEKARI
FUSELAGE CAGE ASSEMBLY



S-16 SHEKARI - FUSELAGE CAGE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Fuselage	KAFU0024	1
2.	Fuselage - Trailing Edge Spar Attach Plate	KPFU0066	2
3.	3/16" Thick Washer	AN960-10	12
4.	3/16" Tensile Nut	AN365-1032A	6
5.	3/16" Bolt	AN3-20A	6
6.	Sound Proofing	KPFW0008	1
7.	Firewall	KPFW0004	1
8.	1/8" Stainless Steel Rivet	CCPQ-42	31
9.	3/8" Thick Washer	AN960-616	8



MD3694

* NOTE: USE ITEM #30
IF OPTIONAL MAIN WHEEL
PANTS ARE INSTALLED.

REPAIR S-16 SHEKARI MAIN LANDING GEAR ASSEMBLY - OPTIONAL MAIN WHEEL PANTS AND OPTIONAL MAIN GEAR LEG FAIRINGS ARE SHOWN

S-16 SHEKARI - MAIN LANDING GEAR ASSEMBLY - 5" CLEVELAND

Optional Main Wheel Pants & Optional Main Gear Leg Fairings ARE SHOWN order separate

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	5/16" Shear Nut	AN364-524A	6
2.	5/16" Thick Washer	AN960-516	12
3.	5/16" Bolt	AN5-20A	2
4.	1/4" Tensile Nut	AN365-428A	8
5.	Axle Mount Socket	KPMG0134	2
6.	Gear Leg	KPMG0100	2
7.	Main Gear Axle	KPMG0118	2
8.	Axle Spacer - 5" Cleveland	KPMG0130	4
9.	1/4" Bolt **	AN4-15A	8
10.	Safety Wire	SAFETY WIRE	0
11.	Wheel & Hydraulic Brake Assembly - 5" Cleveland	KSBS0023	2
12.	Aero Trainer Tire, 5"	KSMG0005	2
13.	Tire Tube, 5"	KSMG0014	2
14.	Cotter Pin	MS24665-360	2
15.	1 1/4" Castle Nut	MS21025-20	2
16.	5/16" Bolt	AN5-15A	4
17.	Fairing Rib - Main Gear ***	KPMG0091	2
18.	90 Fitting	KSBS0017	2
19.	Loctite Blue	LOC-TITE	0
20.	1/4" Bolt *	AN4-4A	2
21.	1/4" Large Washer *	AN970-4	2
22.	Main Wheel Pant *	MWP	2
23.	Socket Set Screw *	SSS 1/4-28X3/4	2
24.	Wheel Pant Mount - 5" Cleveland *	KPMG0141	2
25.	3/16" Bolt *	AN3-6A	4
26.	3/16" Nut Plate *	K-1000-3	4
27.	3/32" Aluminum Rivet *	40APR1/4	8
28.	Insert Nut *	I-NUT	2
29.	3/16" Large Washer *	AN970-3	4
30.	1/4" Bolt **	AN4-16A	8
31.	Gear Leg Fairing, Left ***	KPMG0139-L	1
31.	Gear Leg Fairing, Right ***	KPMG0139-R	1
32.	Rubber Trim ***	X1011	30 in
33.	Fairing Attach Bracket - 5" Cleveland ***	KPMG0140	2
34.	Tinnerman ***	A1789-8Z-1	4
35.	#8 Pan Head Screw ***	8X1/2 PHS	4
36.	3/32" Aluminum Rivet ***	40APR1/8	14

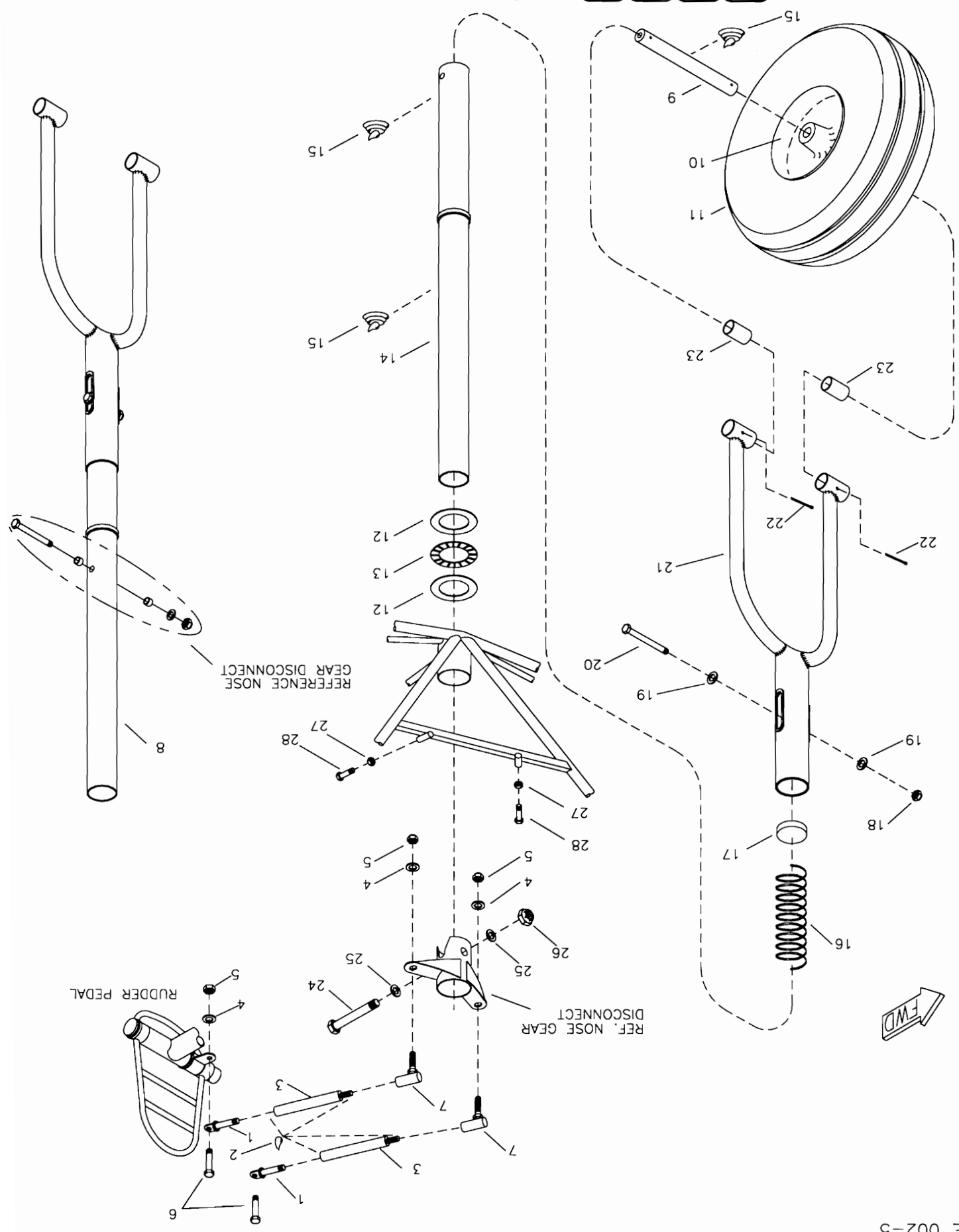
*Optional, Main Wheel Pants.

**AN 4-16A, required for Optional Main Wheel Pants.

***Optional, Main Gear Leg Fairings.

RMS S-16 SHEKARI NOSE GEAR ASSEMBLY

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REV.



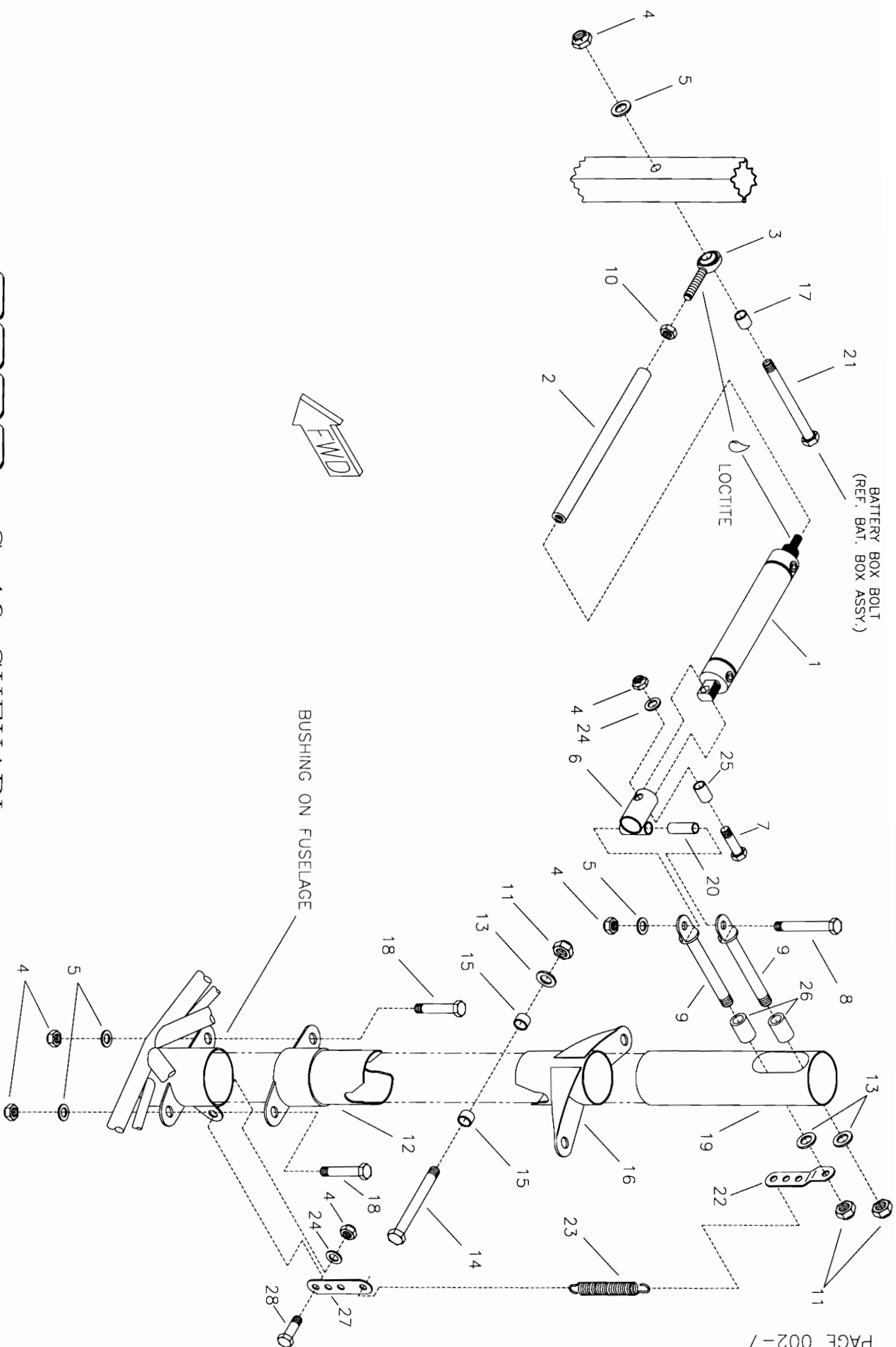
S-16 SHEKARI - NOSE GEAR ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Eye Bolt	AN43B-5A	2
2.	Loctite Blue	LOC-TITE	1
3.	Steer Horn Link Tube	KPNG0055	2
4.	1/4" Thin Washer	AN960-416L	4
5.	1/4" Shear Nut	AN364-428A	4
6.	1/4" Bolt	AN4-5A	2
7.	Steering Rod Linkage	NG-SL	2
8.	Nose Gear Assembly	KANG0011	1
9.	Nose Gear Axle	KPNG0062	1
10.	Compatible Hub Kit for 5"	KSNG0005	1
11.	Aero-Trainer Tire 5"	KSMG0005	1
11.	Compatible Tire Tube for 5"	KSMG0014	1
12.	Thrust Washer	KSNG0003	2
13.	Thrust Bearing	KSNG0002	1
14.	Nose Gear Strut *	KPNG0059	0
15.	Grease	-----	0
16.	Spring *	KSNG0004	0
17.	Nose Gear Rubber *	KPNG0061	0
18.	1/4" Shear Nut *	AN364-428A	0
19.	1/4" Plastic Washer *	PW-4	0
20.	1/4" Bolt *	AN4-25A	0
21.	Nose Gear Fork *	KPNG0058	0
22.	Large Cotter Pin	MS24665-285	2
23.	Wheel Bushing, 3/4" x .058 x 1.125" **	KAAC0012-7	0
24.	3/16" Bolt	AN3-23A	1
25.	3/16" Thick Washer	AN960-10	2
26.	3/16" Shear Nut	AN364-1032A	1
27.	1/4" Plain Nut	AN345-416	2
28.	1/4" Plain Bolt	1/4X1 BOLT	2

*Supplied with Nose Gear Assembly.

**Builder must fabricate from raw stock.

REPAIR S-16 SHEKARI NOSE GEAR DISCONNECT ASSEMBLY

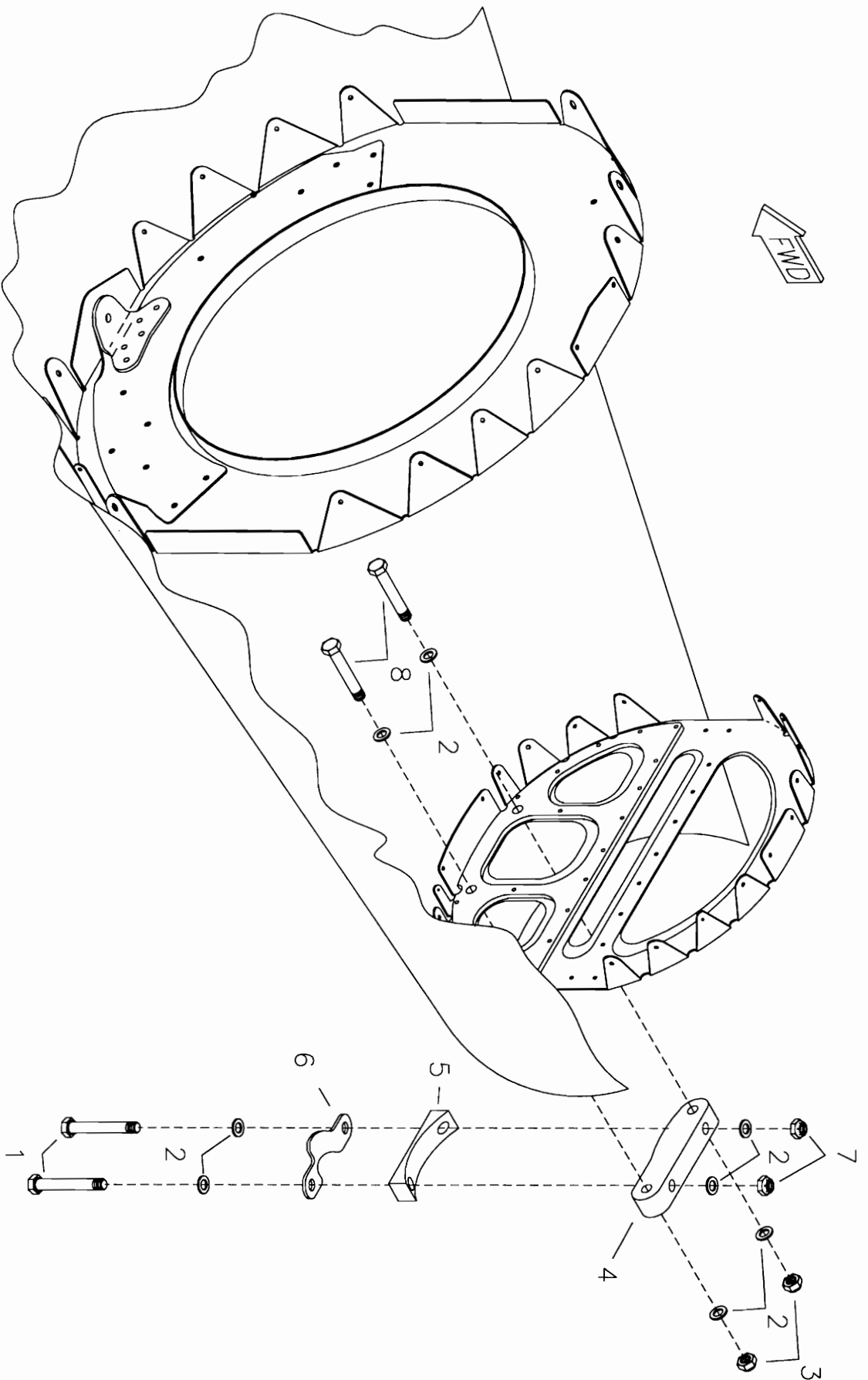


S-16 SHEKARI - NOSE GEAR DISCONNECT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Shimmy Damper	KSAC0024	1
2.	Aileron Push Pull Tube - AFT	KPCS0083	1
3.	Male Rod End, 1/4" x 1/4"	NM-4	1
4.	3/16" Tensile Nut	AN365-1032A	3
5.	3/16" Thin Washer	AN960-10L	3
6.	Universal Joint	CS-PULMT	1
7.	3/16" Bolt	AN3-11A	1
8.	3/16" Bolt	AN3-14A	1
9.	1/4" Eye Bolt	AN43B-26A	2
10.	1/4" Plain Nut	AN345-416	1
11.	1/4" Tensile Nut	AN365-428A	3
12.	Locking Cam	KPNG0070	1
13.	1/4" Thick Washer	AN960-416	3
14.	1/4" Bolt	AN4-26A	1
15.	Roller Bushing, 3/8" x .095 x 1/4"	KPAC0143	2
16.	Steer Cam	KPNG0071	1
17.	Aluminum Bushing, 1/4" x .028 x 3/8" *	KAAC0012-6	0
18.	3/16" Bolt	AN3-4A	2
19.	Spacer - Nose Gear Disconnect	KPNG0072	1
20.	Aluminum Bushing, 1/4" x .028 x 1" *	KAAC0012-6	0
21.	3/16" Bolt	AN3-13A	1
22.	Multihole Tang **	ST-16	1
23.	Downspring	KSCS0014	1
24.	3/16" Thick Washer	AN960-10	2
25.	Aluminum Bushing, 1/4" x .028 x 13/16" *	KAAC0012-6	0
26.	Aluminum Spacer, 1/2" Diameter Solid Round Stick x 1/2"	KAAC0012-22	0
27.	Multihole Tang	ST-16	1
28.	3/16" Bolt	AN3-4A	1

*Builder must fabricate from raw stock.

**Builder must modify.



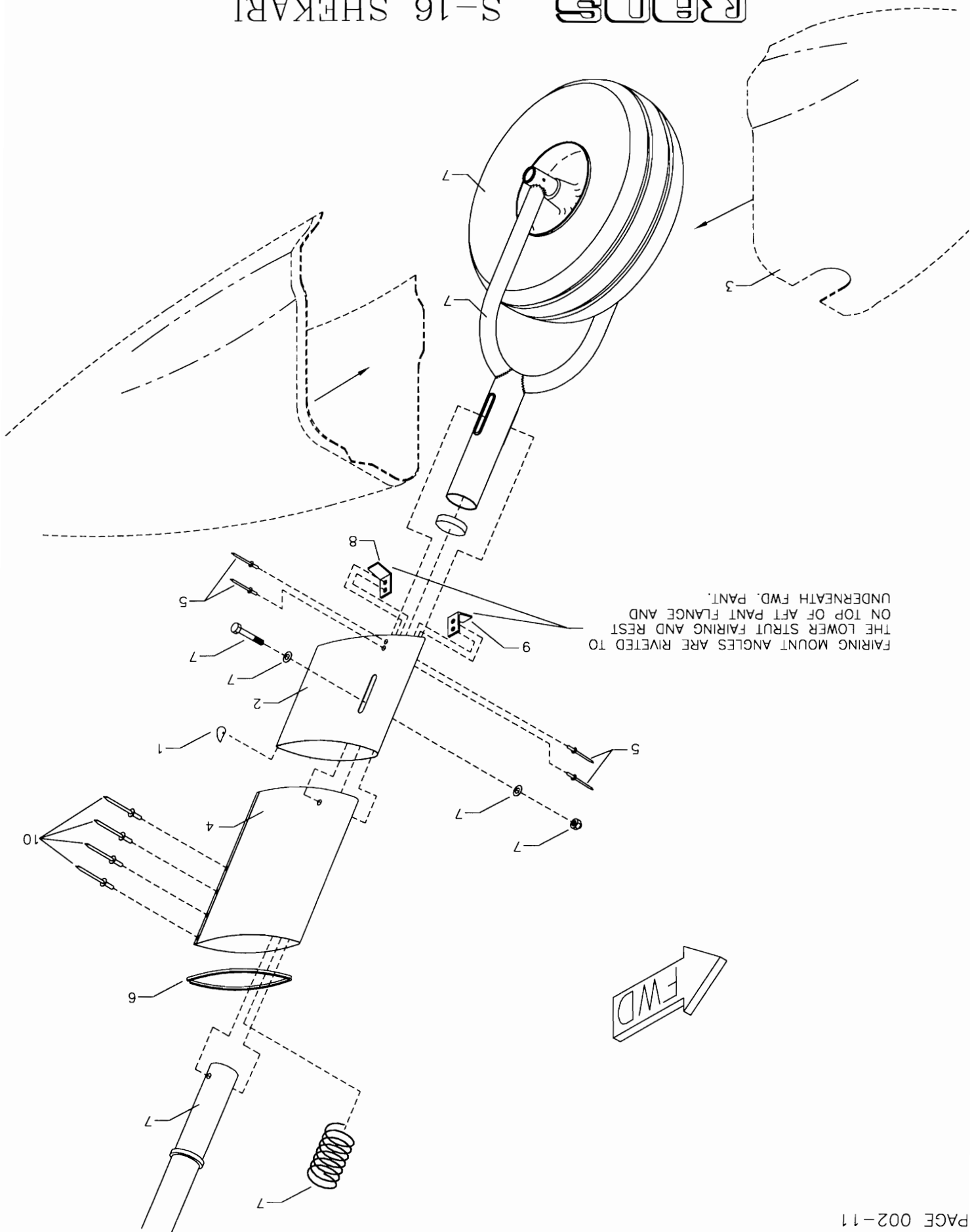
REPAIR S-16 SHEKARI
TAIL TIEDOWN ASSEMBLY

S-16 SHEKARI - TAIL TIEDOWN ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-14A	2
2.	3/16" Thin Washer	AN960-10L	8
3.	3/16" Shear Nut	AN364-1032A	2
4.	Tail Spring - Bearing Plate	KPFU0185	1
5.	Tail Spring - Upper Mount Plate	KPFU0184	1
6.	Trike Tiedown Eye	KSFU0001	1
7.	3/16" Tensile Nut	AN365-1032A	2
8.	3/16" Bolt	AN3-11A	2

RMS S-16 SHEKARI OPTIONAL NOSE GEAR STRUT FAIRING ASSEMBLY

MD3286
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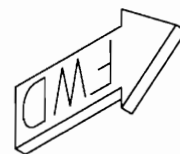


S-16 SHEKARI - OPTIONAL NOSE GEAR STRUT FAIRING ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	J&B Weld Epoxy *	J & B	0
2.	S-6/S-12 Lower Fairing	KPNG0054	1
3.	Nose Wheel Pant **	-----	0
4.	Upper Fairing - Nose Gear	KPNG0053	1
5.	1/8" Aluminum Rivet	AAPQ-42	4
6.	Rubber Edging	8510K11	12 in
7.	Existing Gear Leg Parts **	-----	0
8.	Upper Fairing Mount	LG-NFMNT-L	1
9.	Upper Fairing Mount	LG-NFMNT-R	1
10.	3/32" Aluminum Rivet	40APR1/8	4

*Use J&B Weld or equivalent.

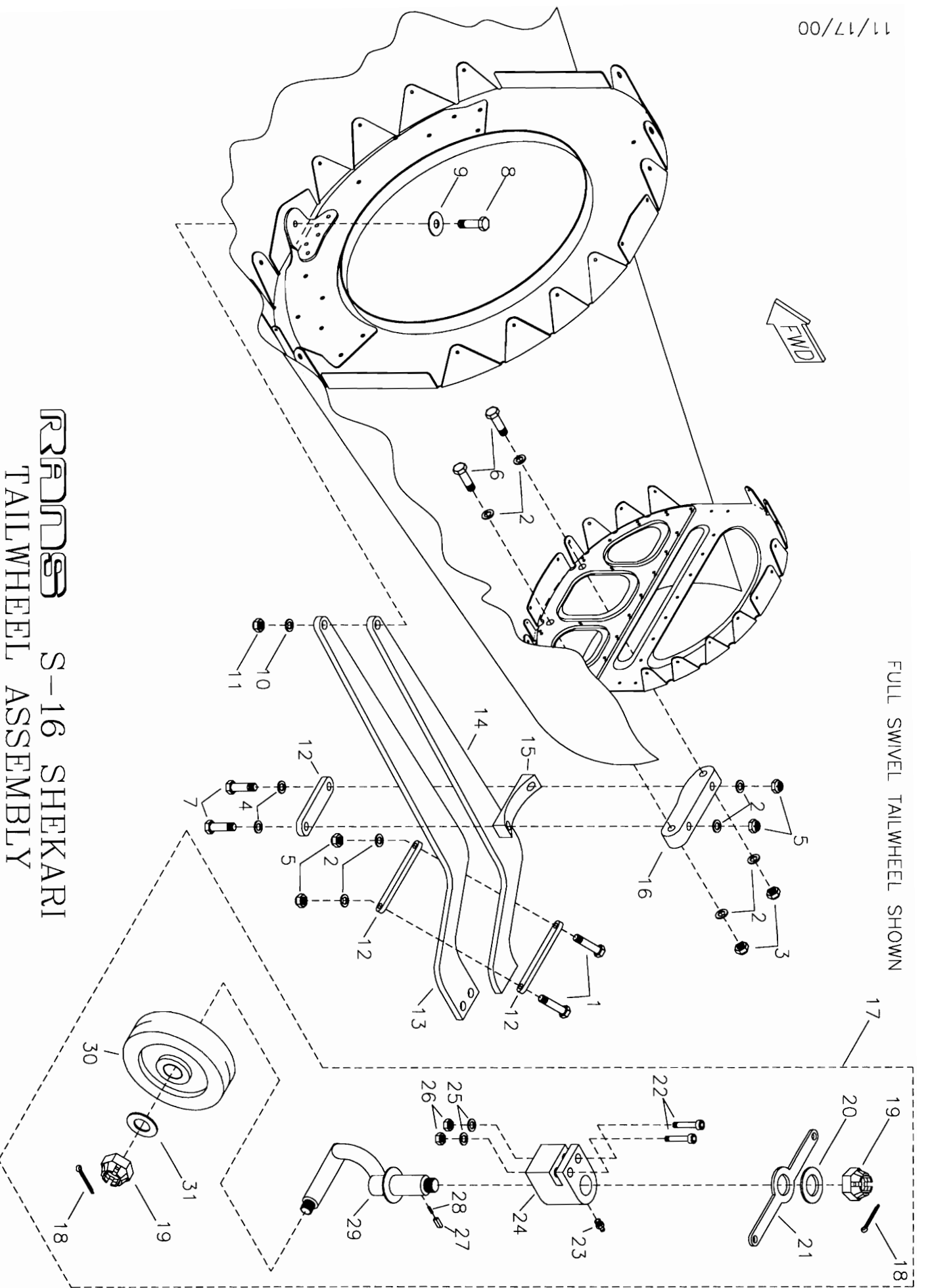
**Reference only.



S-16 SHEKARI - OPTIONAL NOSE WHEEL PANT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-5A	4
2.	3/16" Thick Washer	AN960-10	2
3.	3/16" Large Washer	AN970-3	2
4.	3/16" Nut Plate	K-1000-3	2
5.	3/32" Aluminum Rivet	40APR1/8	4
6.	Loctite Blue	LOC-TITE	0
7.	Nose Wheel Pant, FWD	NWP-FWD	1
8.	Nose Wheel Pant, AFT	NWP-AFT	1
9.	Rubber Trim	X1011	8 in
10.	1/4" Bolt	AN4-5A	2

FULL SWIVEL TAILWHEEL SHOWN



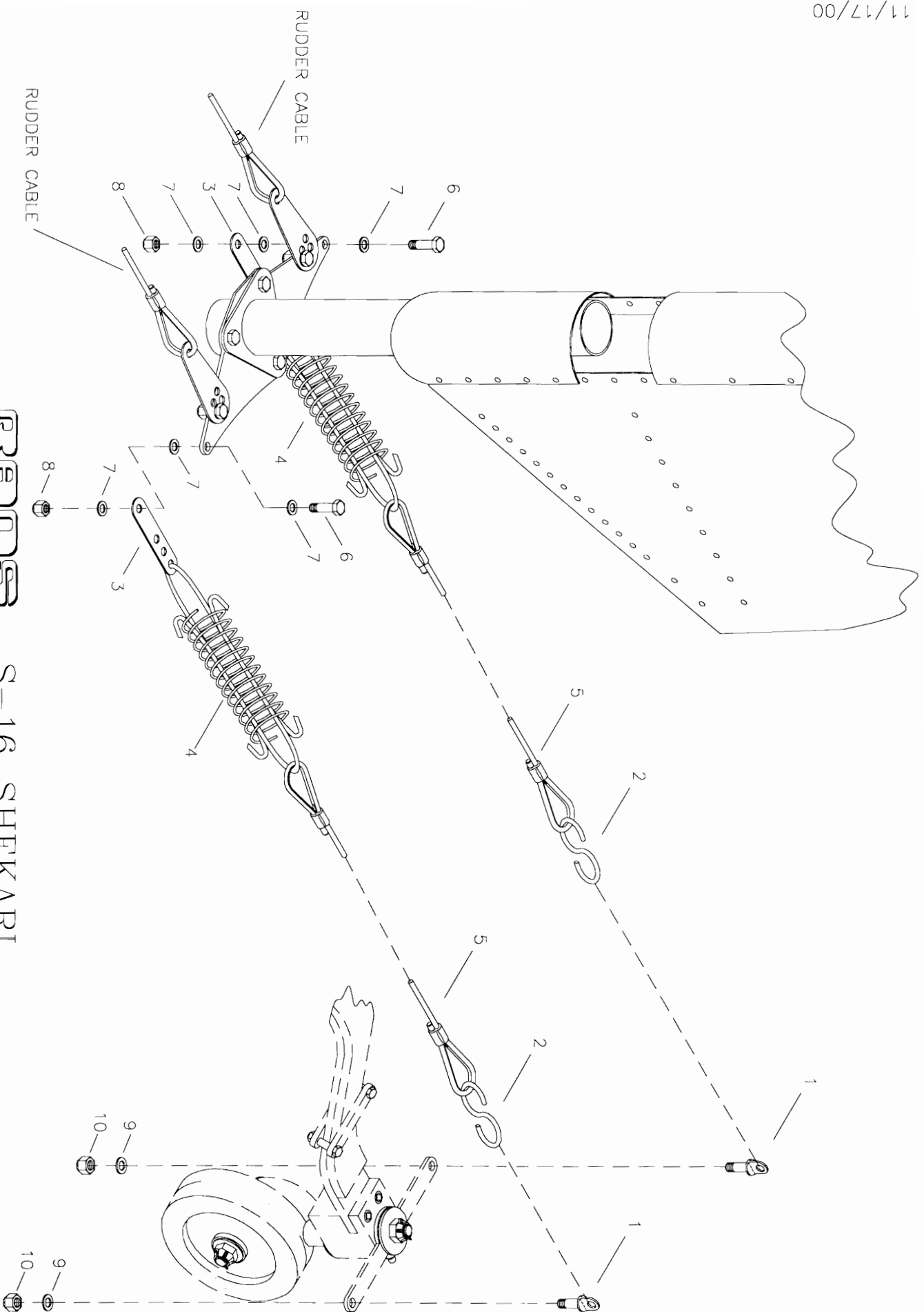
S-16 SHEKARI TAILWHEEL ASSEMBLY

S-16 SHEKARI - TAILWHEEL ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-12A	2
2.	3/16" Thin Washer	AN960-10L	8
3.	3/16" Shear Nut	AN364-1032A	2
4.	3/16" Thick Washer	AN960-10	2
5.	3/16" Tensile Nut	AN365-1032A	4
6.	3/16" Bolt	AN3-11A	2
7.	3/16" Bolt	AN3-22A	2
8.	1/4" Bolt	AN4-14A	1
9.	3/16" Large Washer **	AN970-3	1
10.	1/4" Thick Washer	AN960-416	1
11.	1/4" Tensile Nut	AN365-428A	1
12.	Pillow Block Strap	PBS	3
13.	Tail Spring	KPTG0010	1
14.	Tail Spring - Upper	KPTG0027	1
15.	Tail Spring - Upper Mount Plate	KPFU0184	1
16.	Tail Spring - Bearing Plate	KPFU0185	1
17.	Tail Wheel Assembly	KATG0005	1
18.	Large Cotter Pin *	MS24665-285	0
19.	Shear Nut *	AN320-8	0
20.	Large Silver Washer *	----	0
21.	Tail Wheel - Steer Horn *	KPTG0013	0
22.	Caphead Screw *	1/4-28X1 3/4	0
23.	Grease Fitting *	MS5003-1	0
24.	Tail Wheel - Swivel Block *	KPTG0014	0
25.	1/4" Thick Washer *	AN960-416	0
26.	Nut *	AN364-428C	0
27.	Tail Wheel - Tension Key *	KPTG0006	0
28.	Tail Wheel - Tension Spring *	KSTG0003	0
29.	Tail Wheel - Fork *	KPTG0015	0
30.	Tail Wheel *	TW-TW	0
31.	1/2" Thick Washer *	AN960-816	0

*Supplied pre-assembled with Tail Wheel Assembly.

**Builder must drill I.D. (Inner Diameter) to 1/4".



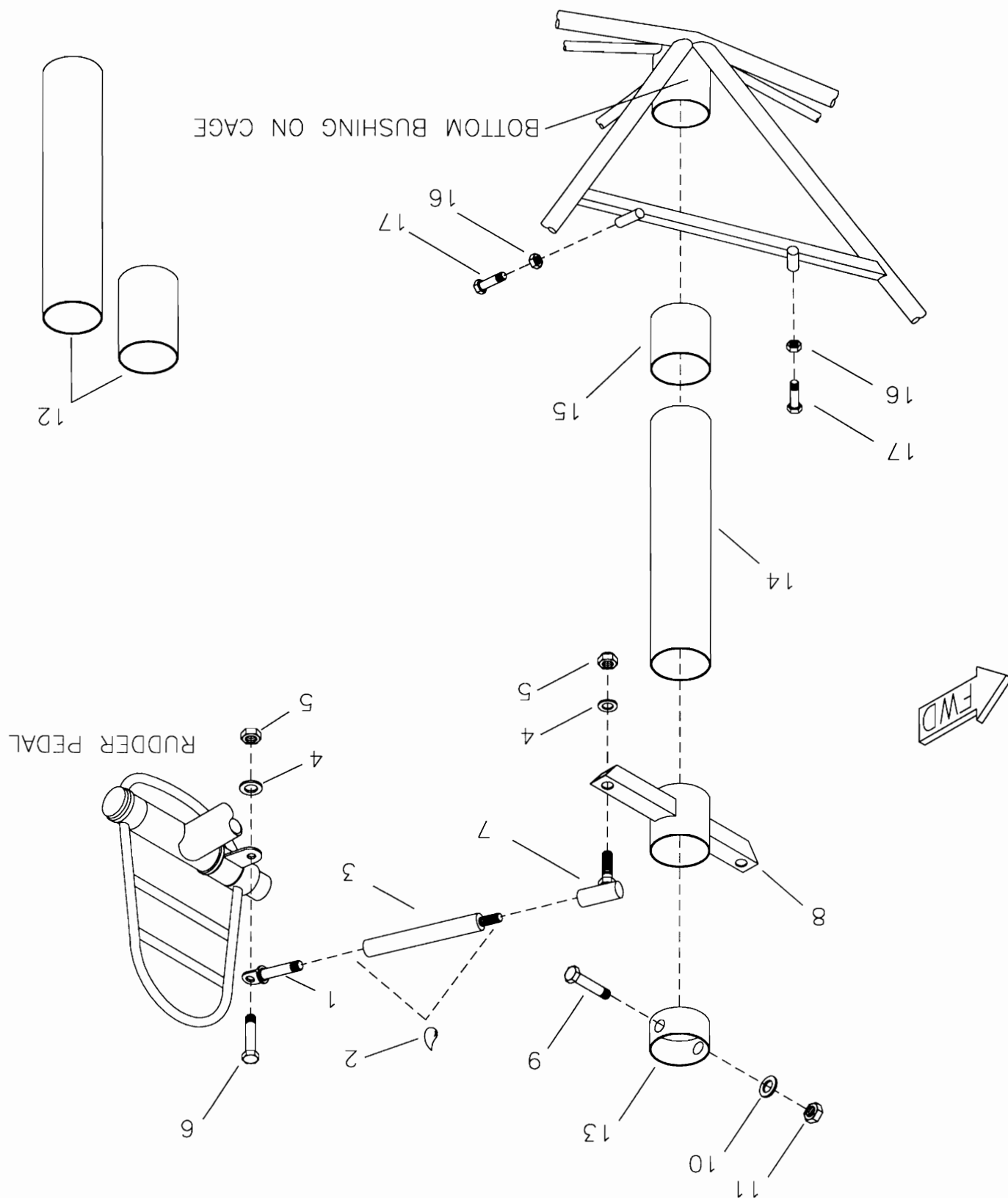
RAMS S-16 SHEKARI TAILWHEEL STEERING ASSEMBLY

S-16 SHEKARI - TAILWHEEL STEERING ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Eye Bolt	AN43B-5A	2
2.	S Hook	TW-SHOOK	2
3.	Multihole Tang	ST-16	2
4.	Steer Spring	TW-S-SPR	2
5.	Tail Steering Cable	KACS0023	2
6.	3/16" Bolt	AN3-6A	2
7.	3/16" Thick Washer	AN960-10	6
8.	3/16" Tensile Nut	AN365-1032A	2
9.	1/4" Thick Washer	AN960-416	2
10.	1/4" Tensile Nut	AN365-428A	2

RRMS S-16 SHEKARI RUDDER PEDAL INTERCONNECT ASSEMBLY

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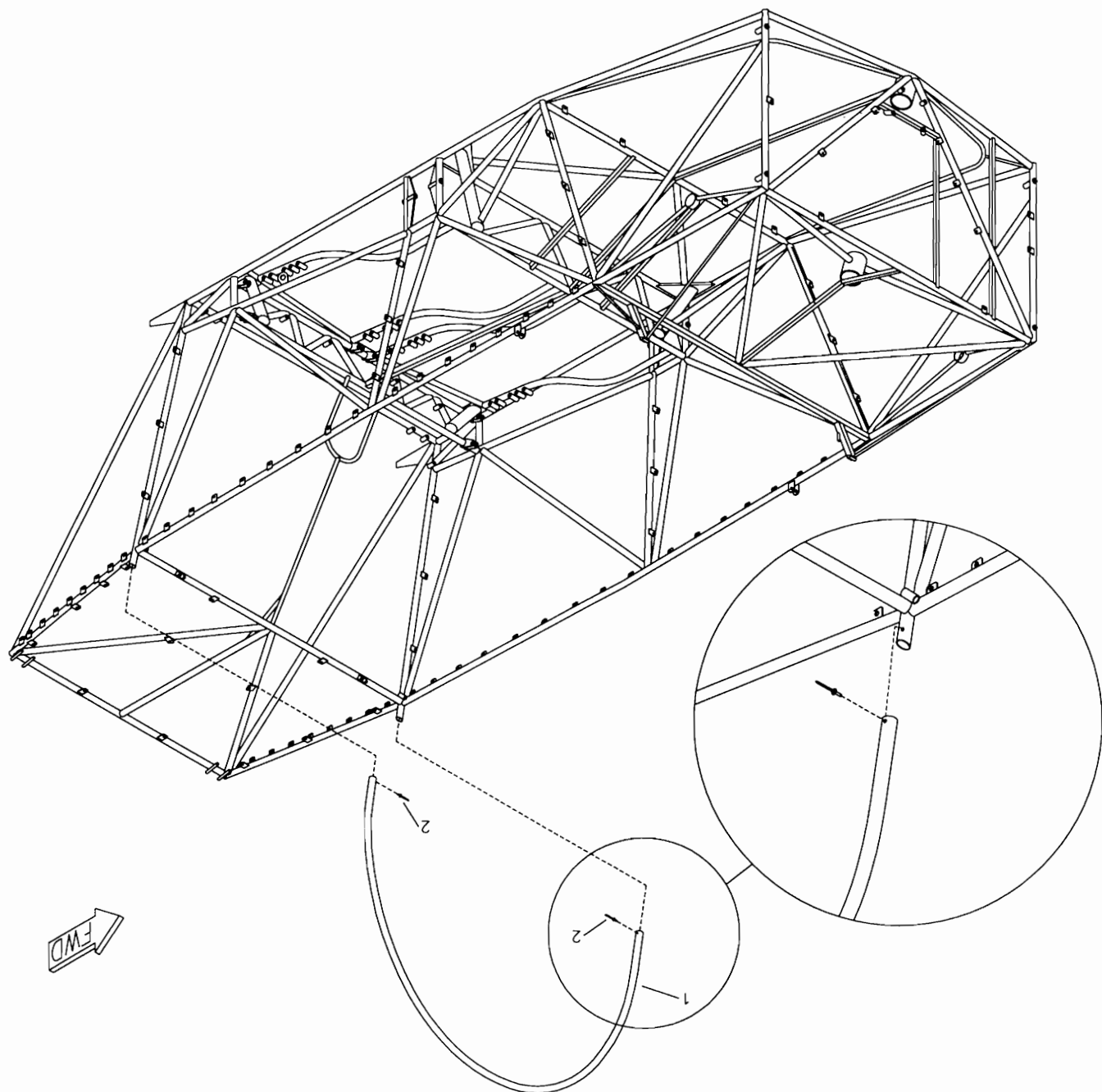
S-16 SHEKARI - RUDDER PEDAL INTERCONNECT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Eye Bolt	AN43B-5A	2
2.	Loctite Blue	LOC-TITE	1
3.	Steer Horn Link Tube	KPNG0055	2
4.	1/4" Thin Washer	AN960-416L	4
5.	1/4" Shear Nut	AN364-428A	4
6.	1/4" Bolt	AN4-5A	2
7.	Steering Rod Linkage	NG-SL	2
8.	Interconnect Horn	KPNG0077	1
9.	3/16" Bolt	AN3-22A	1
10.	3/16" Thin Washer	AN960-10L	1
11.	3/16" Shear Nut	AN364-1032A	1
12.	Raw Stock Kit, Taildragger Only	KAAC0025	1
13.	Retainer Ring, 1 7/8" x .058 x 3/4" *	KAAC0025-2	0
14.	Strut Tube, 1 3/4" x .049 x 16 1/2" *	KAAC0025-1	0
15.	Spacer, 1 7/8" x .058 x 2 3/4" *	KAAC0025-2	0
16.	1/4" Plain Nut	AN345-416	2
17.	1/4" Plain Bolt	1/4X1 BOLT	2

*Builder must fabricate from raw stock.

RMS S-16 SHEKARI CANOPY FORMER

MD2387
REV.

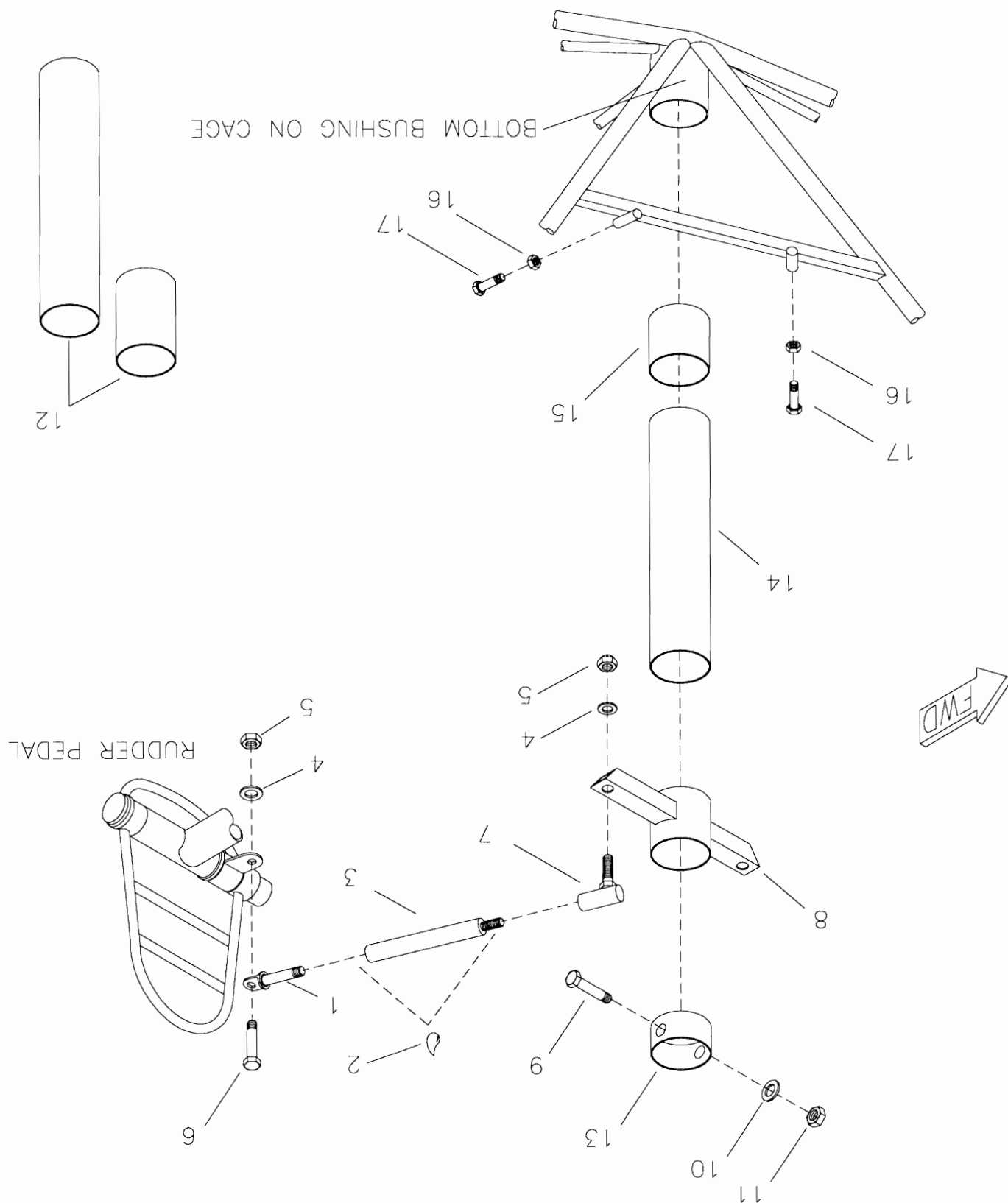


S-16 SHEKARI - CANOPY FORMER

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Canopy Former	KPFU0169	1
2.	1/8" Stainless Steel Rivet	CCPQ-42	2

RRMS S-16 SHEKARI RUDDER PEDAL INTERCONNECT ASSEMBLY

MD3454
REV.



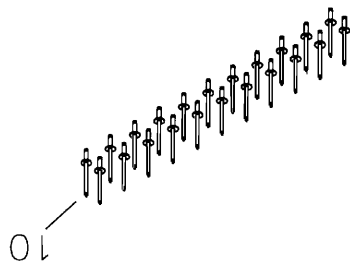
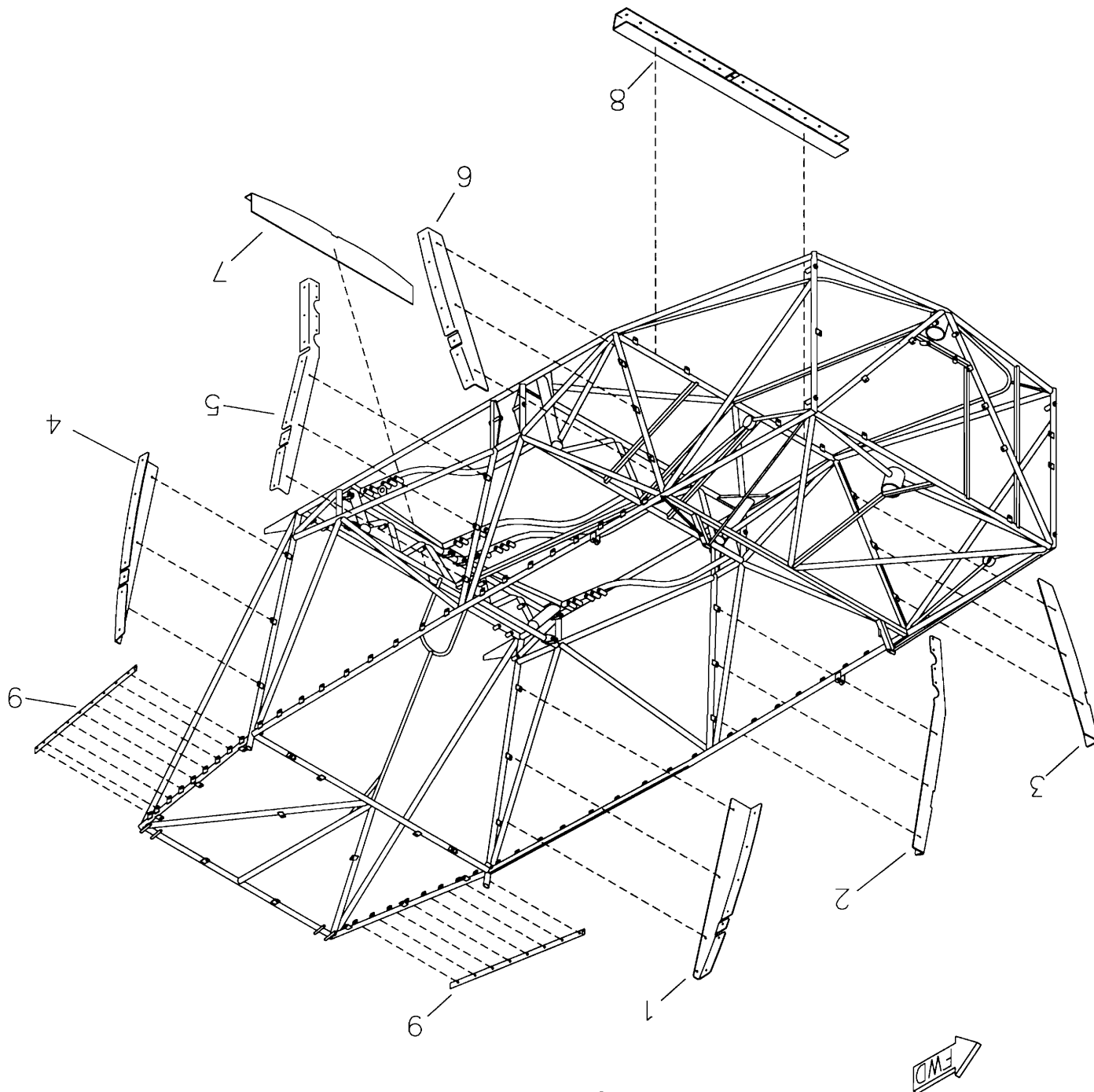
S-16 SHEKARI - RUDDER PEDAL INTERCONNECT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Eye Bolt	AN43B-5A	2
2.	Loctite Blue	LOC-TITE	1
3.	Steer Horn Link Tube	KPNG0055	2
4.	1/4" Thin Washer	AN960-416L	4
5.	1/4" Shear Nut	AN364-428A	4
6.	1/4" Bolt	AN4-5A	2
7.	Steering Rod Linkage	NG-SL	2
8.	Interconnect Horn	KPNG0077	1
9.	3/16" Bolt	AN3-22A	1
10.	3/16" Thin Washer	AN960-10L	1
11.	3/16" Shear Nut	AN364-1032A	1
12.	Raw Stock Kit, Taildragger Only	KAAC0025	1
13.	Retainer Ring, 1 7/8" x .058 x 3/4" *	KAAC0025-2	0
14.	Strut Tube, 1 3/4" x .049 x 16 1/2" *	KAAC0025-1	0
15.	Spacer, 1 7/8" x .058 x 2 3/4" *	KAAC0025-2	0
16.	1/4" Plain Nut	AN345-416	2
17.	1/4" Plain Bolt	1/4X1 BOLT	2

*Builder must fabricate from raw stock.

RMS S-16 SHEKARI CAGE FORMER ASSEMBLY

MD3304
REV.



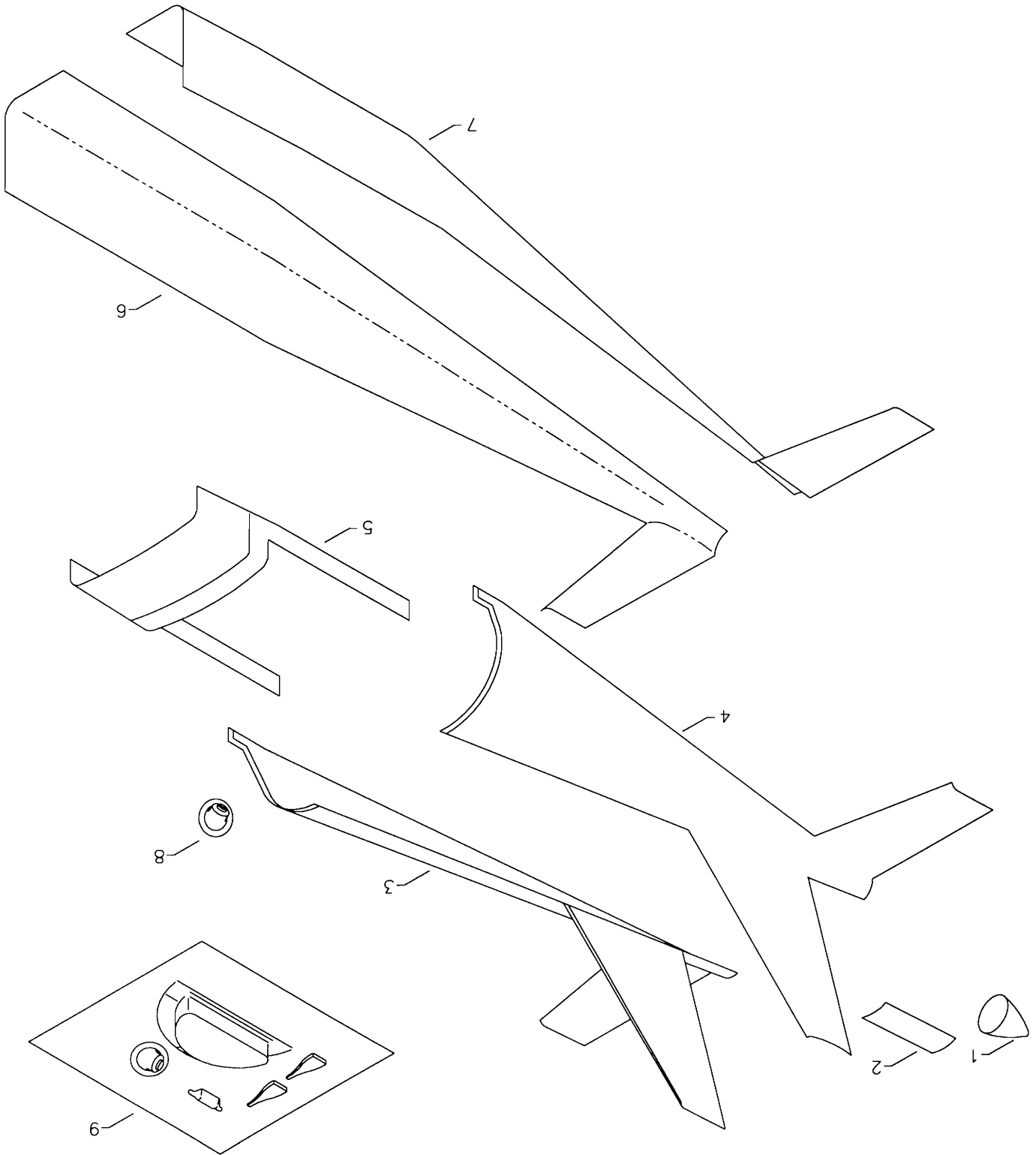
S-16 SHEKARI - CAGE FORMER ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Cage Former - Right	KPFU0167-R	1
2.	Cage Former - Right	KPFU0165-R	1
3.	Cage Former - Right	KPFU0166-R	1
4.	Cage Former - Left	KPFU0167-L	1
5.	Cage Former - Left	KPFU0165-L	1
6.	Cage Former - Left	KPFU0166-L	1
7.	Bottom Cage Former - AFT	KPFU0170	1
8.	Cage Former	KPFU0168	1
9.	Aluminum Tube, 1/2" x .035 x 16" *	KAAC0012-11	0
10.	1/8" Stainless Steel Rivet	CCPQ-42	47

*Builder must fabricate from raw stock.

RMS S-16 SHEKARI FUSELAGE SHELLS

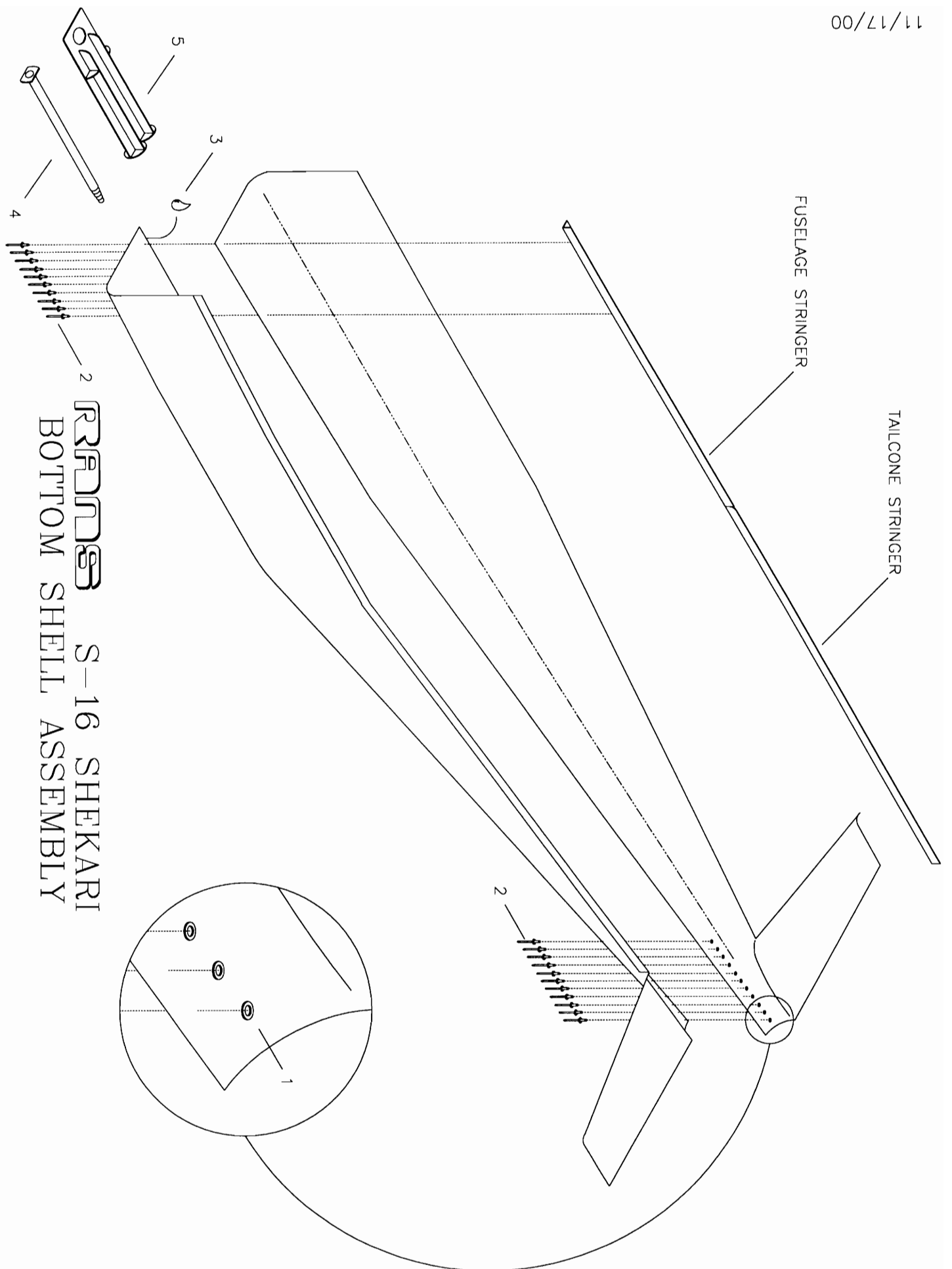
MD3310
REV. A



S-16 SHEKARI - FUSELAGE SHELLS

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Shell - Tailcone Stinger	KPFU0082	1
2.	Shell - Top AFT Splice	KPFU0081	1
3.	Shell - Upper Left	KPFU0079	1
4.	Shell - Upper Right	KPFU0078	1
5.	Shell - Forward Deck	KPFU0080	1
6.	Shell - Lower Left	KPFU0077	1
7.	Shell - Lower Right	KPFU0076	1
8.	Fuel Scupper (Qty 1) *	KPFU0220	0
9.	Thermo-formed Parts Kit	KPFU0281	1

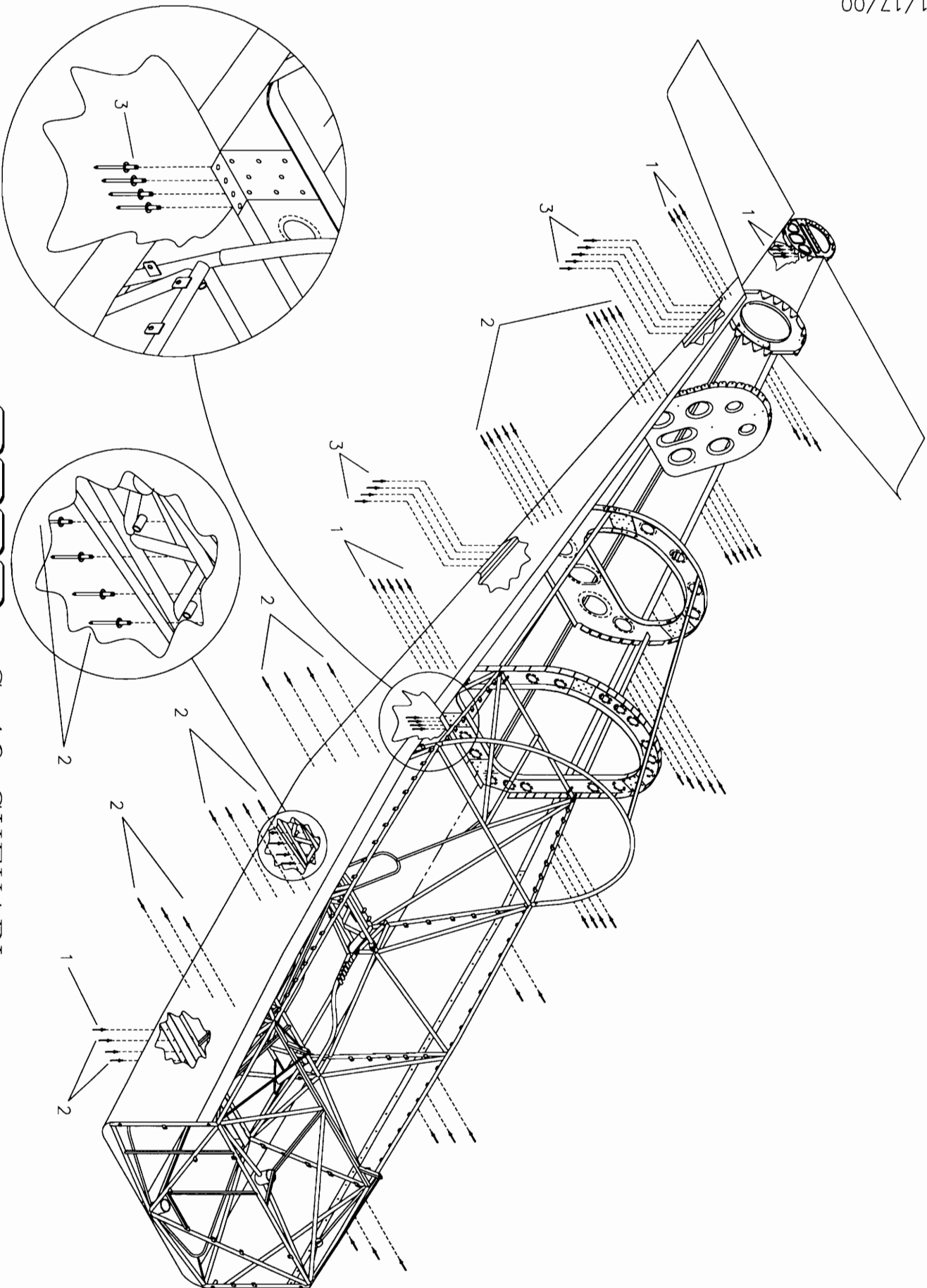
*Included on KPFU0281 - Reference Fuselage Section.



S-16 SHEKARI - BOTTOM SHELL ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Small Brass Washer	AN960-B4	11
2.	1/8" Aluminum Flush Rivet	AACQ-43	85
3.	Epoxy Adhesive (1 tube)	DP-460	5
4.	Mixer Tube *	AD0293	4
5.	Plunger *	AD0627	1

*Also used on canopy.



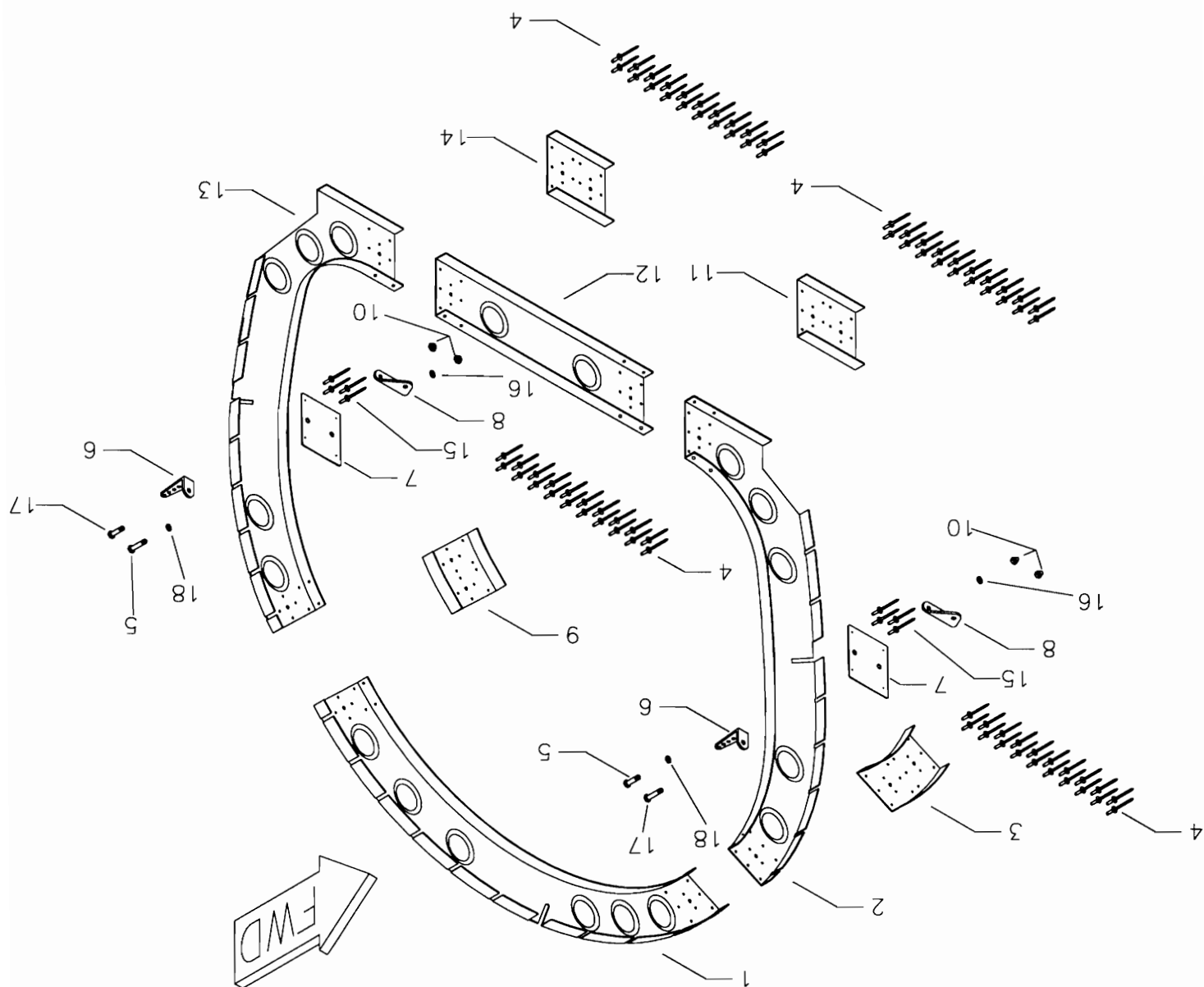
REF ID: A12345 S-16 SHEKARI
BOTTOM SHELLS TO FUSELAGE ASSEMBLY

S-16 SHEKARI - BOTTOM SHELLS TO FUSELAGE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Stainless Steel Rivet	CCPQ-43	44
2.	1/8" Stainless Steel Rivet	CCPQ-42	89
3.	1/8" Stainless Steel Rivet	CCPQ-44	94

RPM S-16 SHEKARI BULKHEAD #1

MD3152

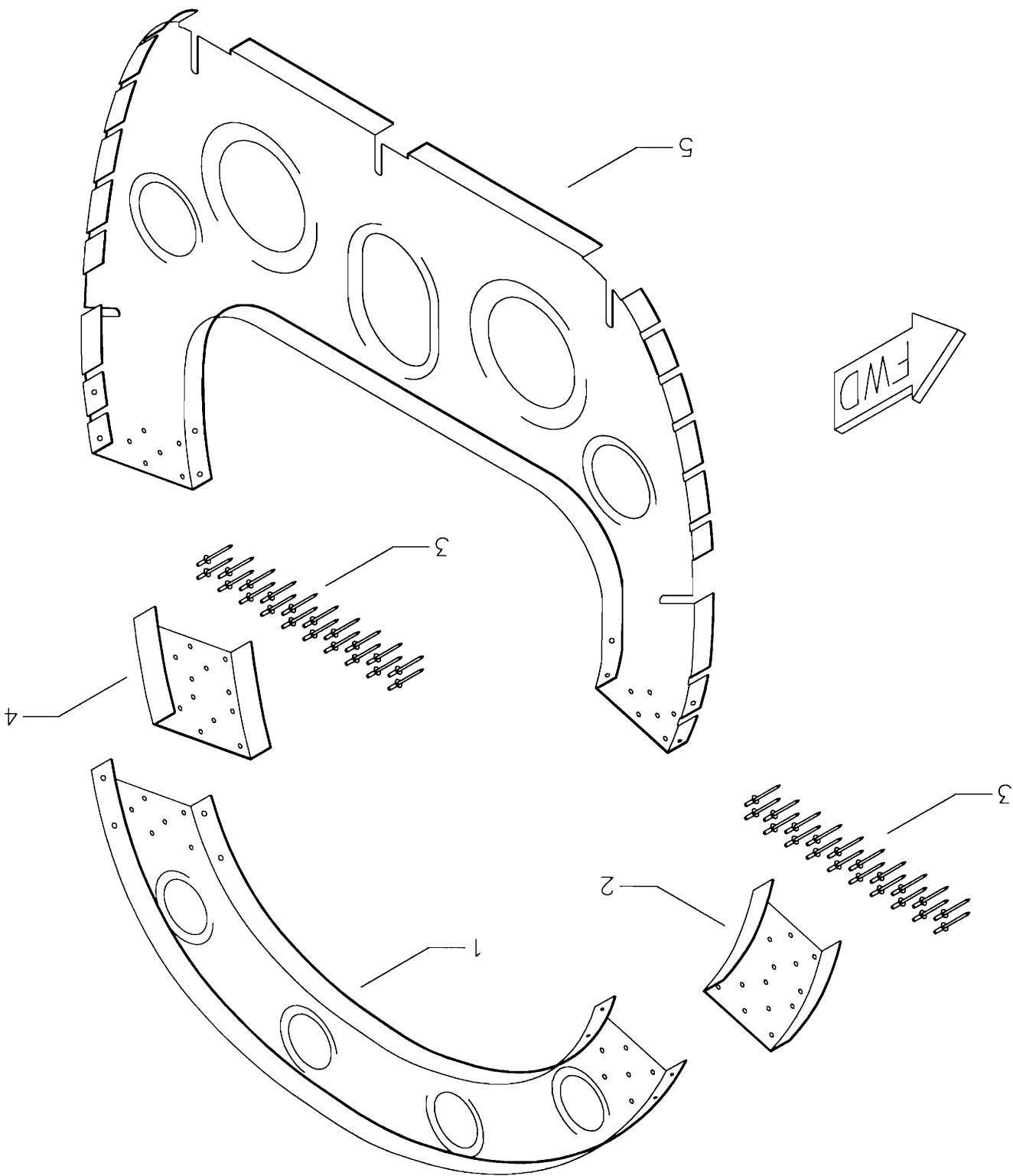


S-16 SHEKARI - BULKHEAD #1

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	#1 Bulkhead - Upper	KPFU0091	1
2.	#1 Bulkhead - Right	KPFU0087	1
3.	#1 Bulkhead Splice - Upper Right	KPFU0089	1
4.	1/8" Aluminum Rivet	AAPQ-42	80
5.	1/4" Bolt	AN4-20A	2
6.	Attach Angle, Tail Cone Stringer	KPFU0196	2
7.	Bulkhead Reinforcement	KPFU0198	2
8.	Seat Belt Attach Bracket	KPST0037	2
9.	#1 Bulkhead Splice - Upper Left	KPFU0093	1
10.	1/4" Tensile Nut	AN365-428A	4
11.	#1 Bulkhead Splice - Lower Right	KPFU0088-R	1
12.	#1 Bulkhead - Lower	KPFU0090	1
13.	#1 Bulkhead - Left	KPFU0094	1
14.	#1 Bulkhead Splice - Lower Left	KPFU0088-L	1
15.	1/8" Stainless Steel Rivet	CCPQ-42	8
16.	1/4" Thin Washer	AN960-416L	2
17.	1/4" Bolt	AN4-22A	2
18.	1/4" Thick Washer	AN960-416	2

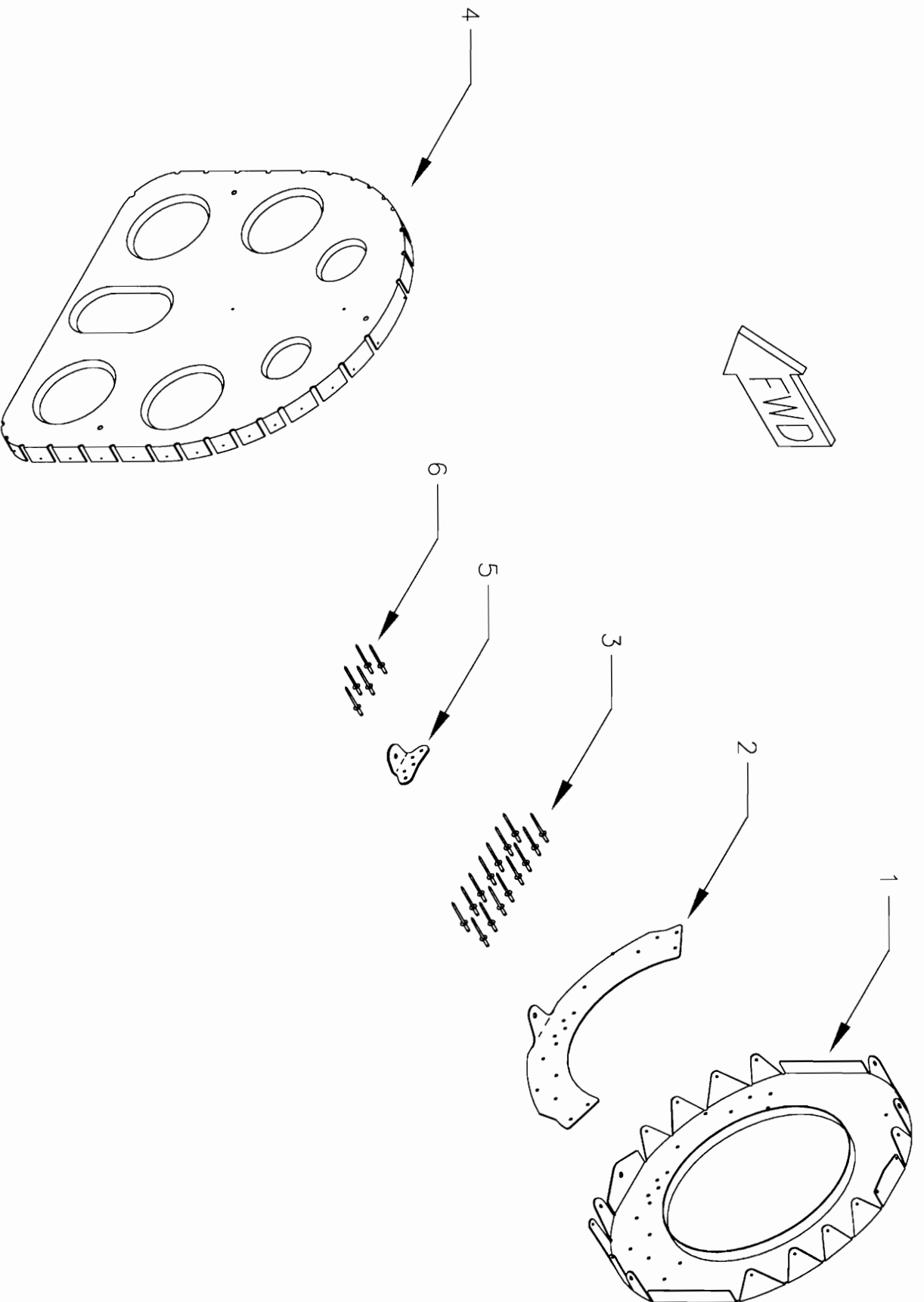
RPM S-16 SHEKARI BULKHEAD #2

MD3153



S-16 SHEKARI - BULKHEAD #2

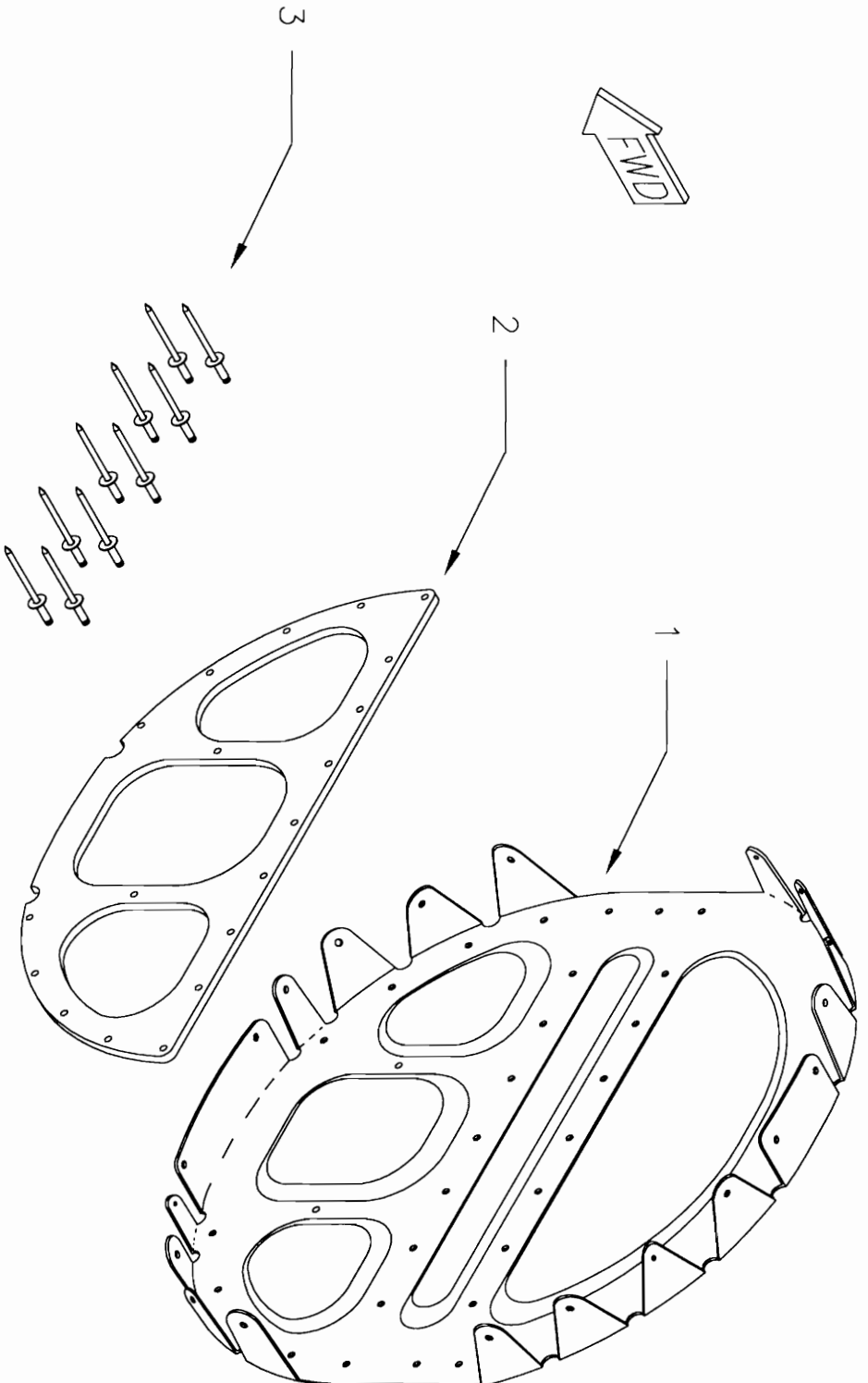
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	#2 Bulkhead - Upper	KPFU0100	1
2.	#2 Bulkhead Splice - Right	KPFU0098	1
3.	1/8" Aluminum Rivet	AAPQ-42	40
4.	#2 Bulkhead Splice - Left	KPFU0099	1
5.	#2 Bulkhead - Lower	KPFU0097	1



RAJAN S-16 SHEKARI
BULKHEAD #3 & #4

S-16 SHEKARI - BULKHEAD #3 & #4

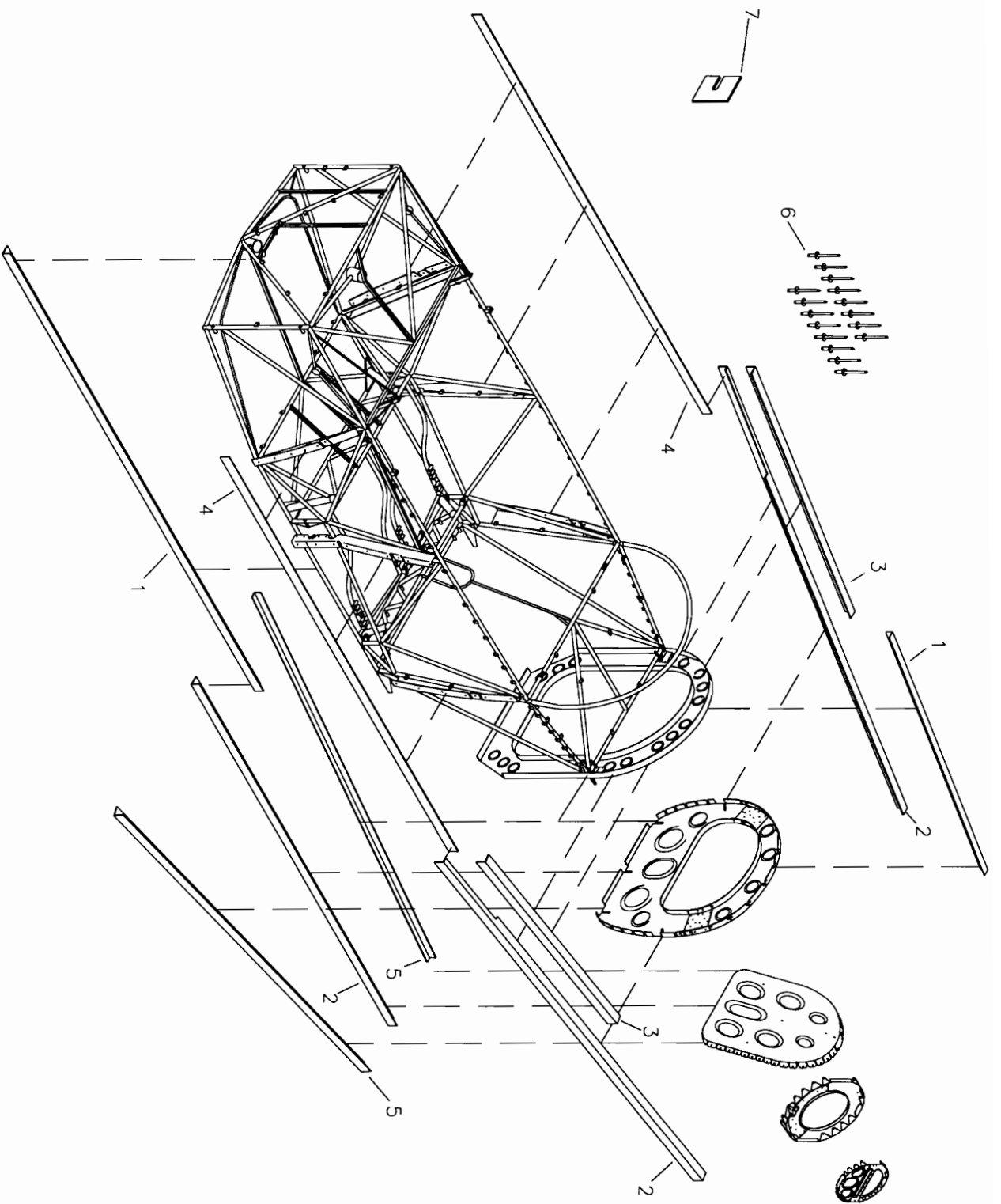
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	#4 Bulkhead	KPFU0179	1
2.	Bulkhead Reinforcement Plate	KPFU0176	1
3.	1/8" Stainless Steel Rivet	CCPQ-42	15
4.	#3 Bulkhead	KPFU0052	1
5.	Tailspring FWD - Mount Angle	KPFU0177	1
6.	1/8" Stainless Steel Rivet	CCPQ-45	5



REPAIR S-16 SHEKARI
BULKHEAD #5

S-16 SHEKARI - BULKHEAD #5

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	#5 Bulkhead	KPFU0135	1
2.	Bulkhead Compression Plate	KPFU0178	1
3.	1/8" Stainless Steel Rivet	CCPQ-44	19



RPN83 S-16 SHEKARI
FUSELAGE STRINGER INSTALLATION

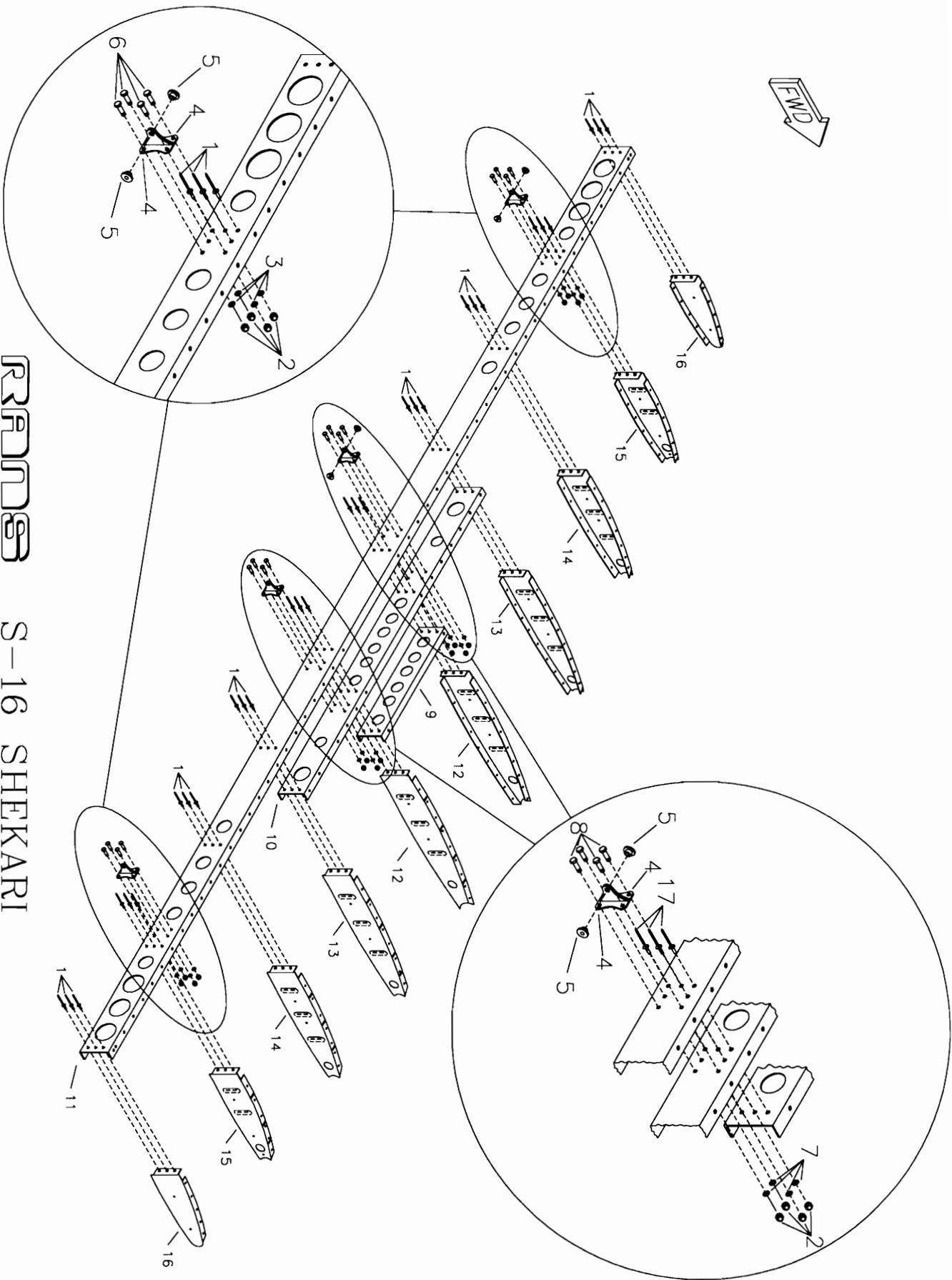
S-16 SHEKARI - FUSELAGE STRINGER INSTALLATION

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Fuselage Stringer *	KPFU0221	2
2.	Tailcone Stringer *	KPFU0195	3
3.	Stringer, 1" x 1" x 0.080" * , **	KPFU0202	2
4.	Aluminum Strip, 1.00 x .040 x 71" *	KAAC0012-13	0
5.	Aluminum Angle, 1.00 x 1.00 x .093 x 144" *	KAAC0012-14	0
6.	3/16" Stainless Steel Rivet	CCPQ-64	16
7.	Joggle Tool 3.25" x .080 x 2.25 ***	KAAC0012-4	0

*Builder must modify. Refer to text for instructions.

**Cut off 7.5" for fuel tank mounts.

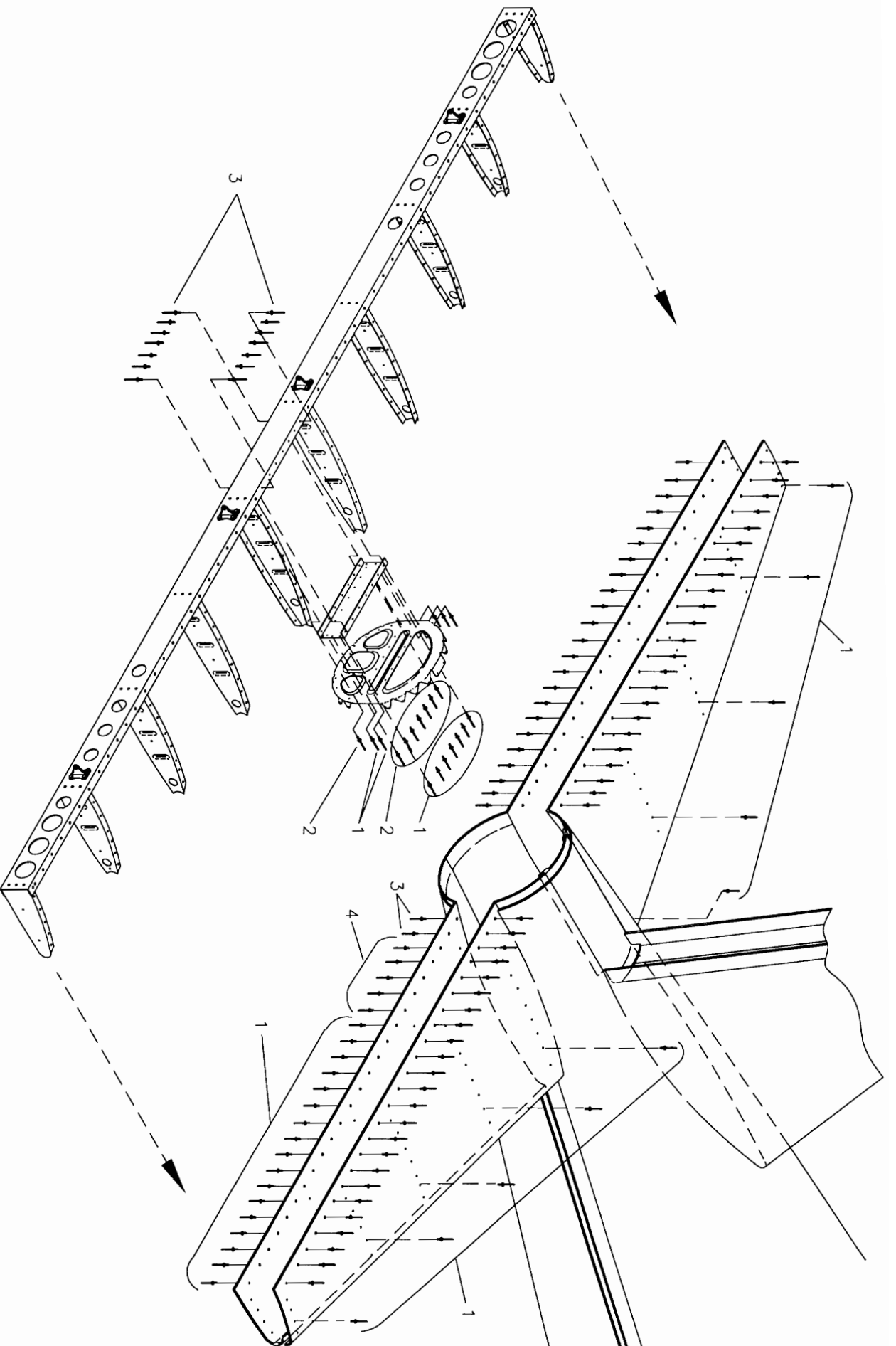
***Builder must fabricate from raw stock.



S-16 SHEKARI **HORIZONTAL STABILIZER ASSEMBLY**

S-16 SHEKARI - HORIZONTAL STABILIZER ASSEMBLY

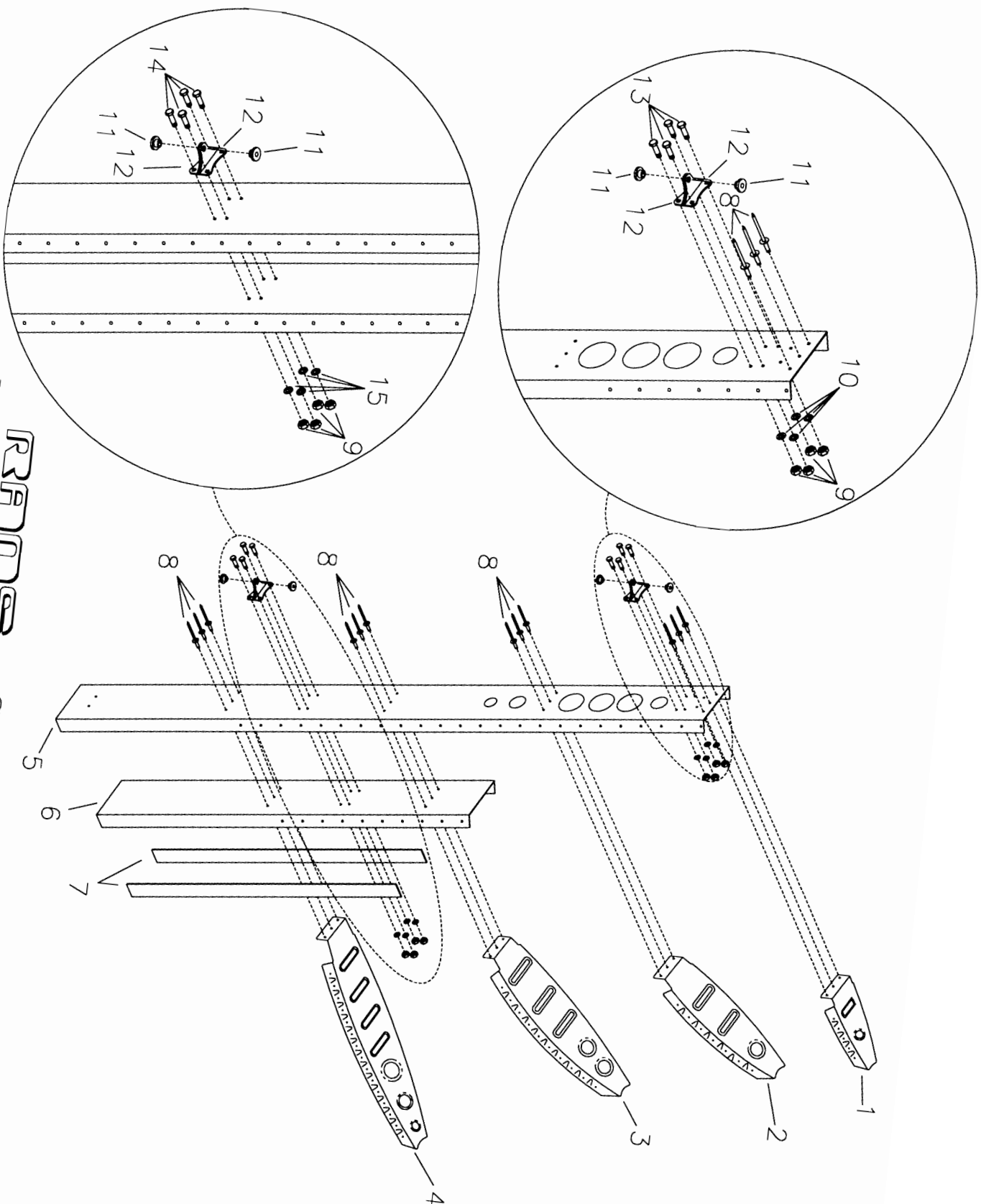
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Rivet	AAPQ-42	24
2.	3/16" Tensile Nut	AN365-1032A	16
3.	3/16" Thin Washer	AN960-10L	8
4.	Control Surface Hinge	KPFL0025	8
5.	Flange Bushing	KSAC0019-3	8
6.	3/16" Bolt	AN3-4A	8
7.	3/16" Thick Washer	AN960-10	8
8.	3/16" Bolt	AN3-5A	8
9.	Horizontal Stabilizer - Inner Spar	KPHS0017	1
10.	Horizontal Stabilizer - Mid Spar	KPHS0016	1
11.	Horizontal Stabilizer - Outer Spar	KPHS0015	1
12.	Horizontal Stabilizer - Rib #1	KPHS0018	2
13.	Horizontal Stabilizer - Rib #2	KPHS0019	2
14.	Horizontal Stabilizer - Rib #3	KPHS0020	2
15.	Horizontal Stabilizer - Rib #4	KPHS0021	2
16.	Horizontal Stabilizer - Rib #5	KPHS0027	2
17.	1/8" Aluminum Rivet	AAPQ-44	6



REPAIR S-16 SHEKARI
HORIZONTAL STABILIZER TO FUSELAGE ASSEMBLY

S-16 SHEKARI - HORIZONTAL STABILIZER TO FUSELAGE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Stainless Steel Rivet	CCPQ-42	151
2.	1/8" Stainless Steel Rivet	CCPQ-45	9
3.	1/8" Stainless Steel Rivet	CCPQ-44	20
4.	1/8" Stainless Steel Rivet	CCPQ-43	24
5.	Horizontal Stabilizer - Reverse Spar	KPHS0025	1



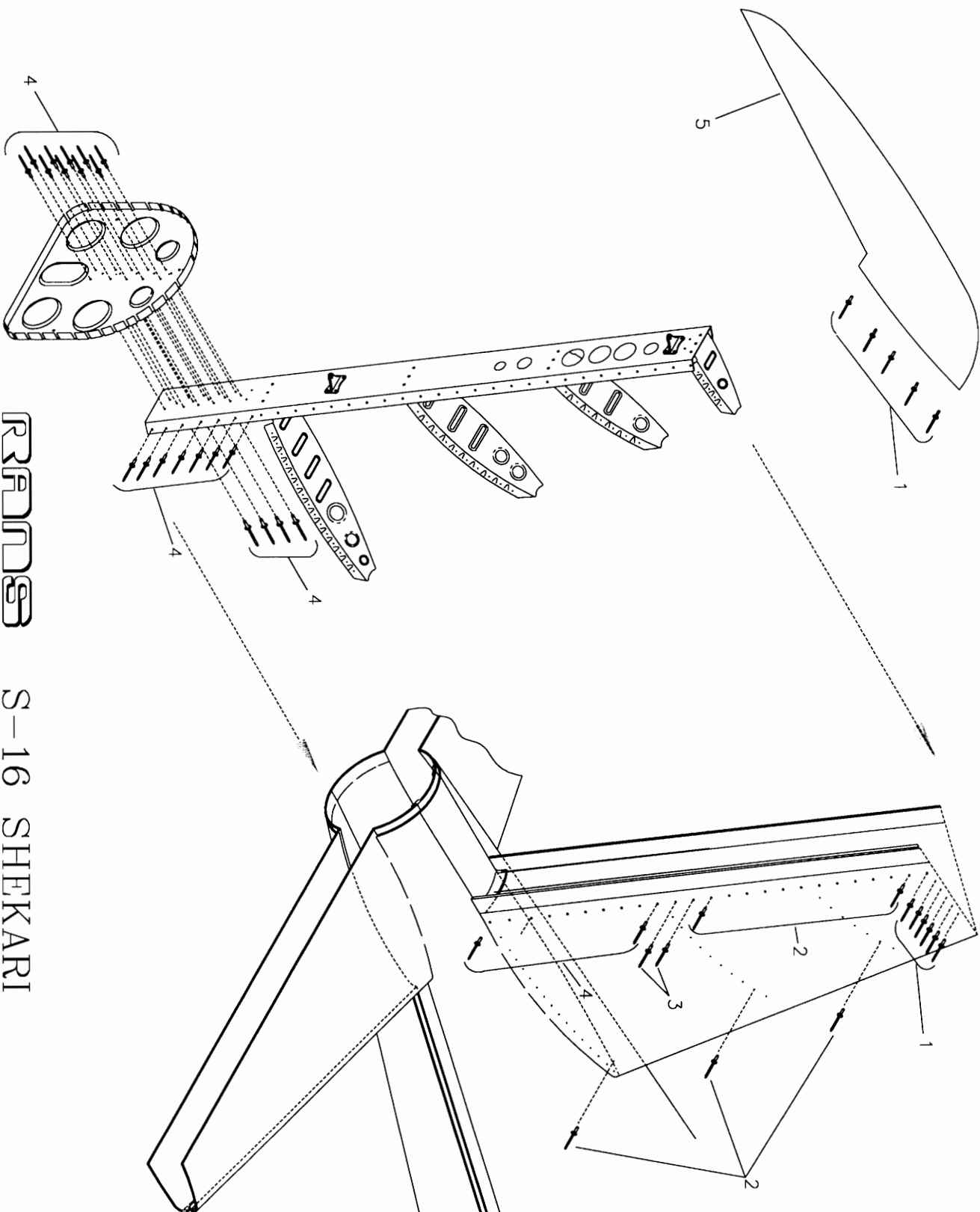
S-16 SHEKARI
VERTICAL STABILIZER ASSEMBLY

S-16 SHEKARI - VERTICAL STABILIZER ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Vertical Stabilizer - Rib #4	KPVS0020	1
2.	Vertical Stabilizer - Rib #3	KPVS0019	1
3.	Vertical Stabilizer - Rib #2	KPVS0018	1
4.	Vertical Stabilizer - Rib #1	KPVS0017	1
5.	Vertical Stabilizer - Outer Spar	KPVS0014	1
6.	Vertical Stabilizer - Mid Spar	KPVS0015	1
7.	Aluminum Strip, 3/4" x .050 x 22.00 *	KAAC0012-2	0
8.	1/8" Aluminum Rivet	AAPQ-42	12
9.	3/16" Tensile Nut	AN365-1032A	8
10.	3/16" Thin Washer	AN960-10L	4
11.	Flange Bushing	KSAC0019-3	4
12.	Control Surface Hinge	KPFL0025	4
13.	3/16" Bolt	AN3-4A	4
14.	3/16" Bolt	AN3-5A	4
15.	3/16" Thick Washer	AN960-10	4

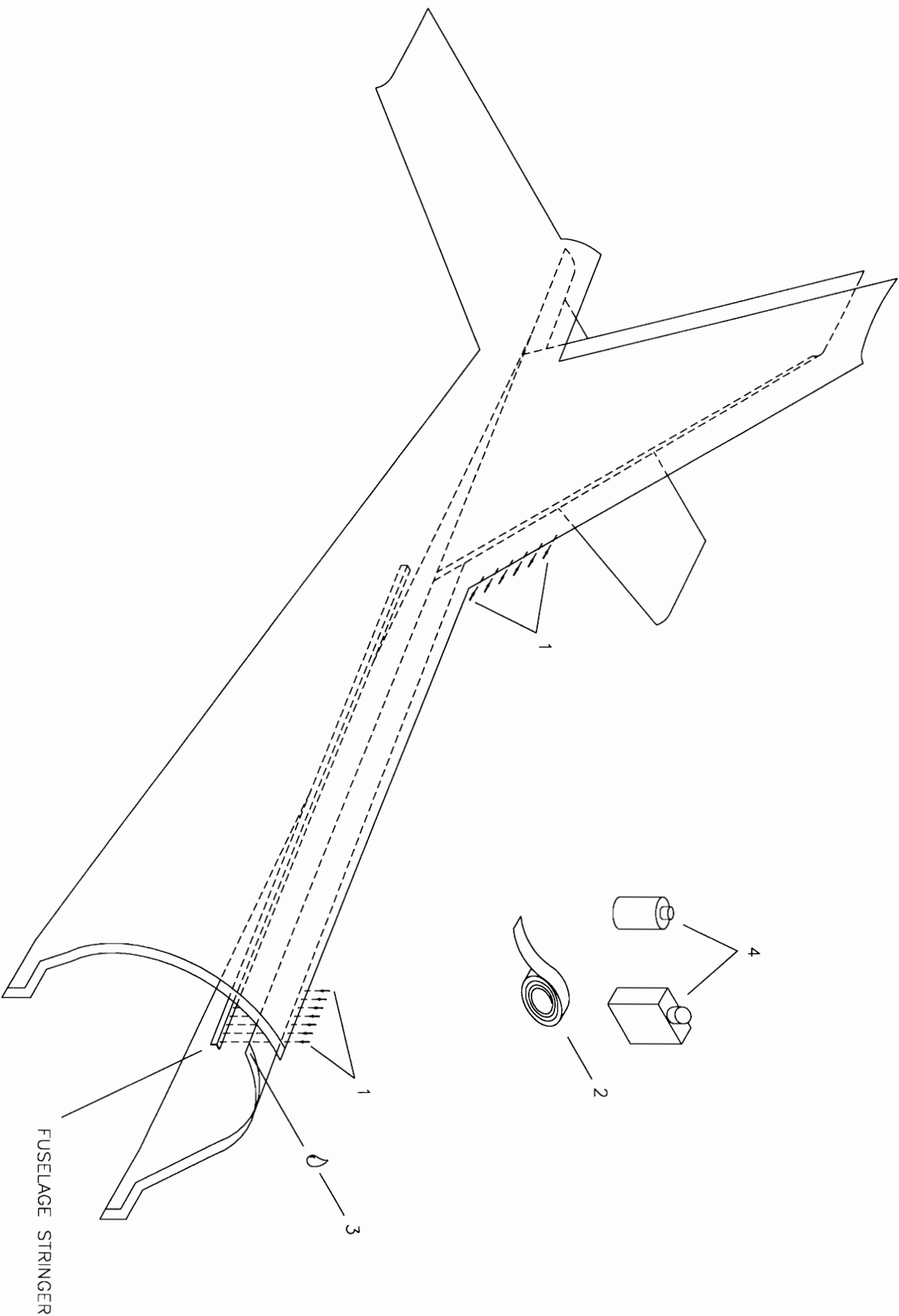
*Builder must fabricate from raw stock.

RRR-168 S-16 SHEKARI
VERTICAL STABILIZER TO FUSELAGE ASSEMBLY



S-16 SHEKARI - VERTICAL STABILIZER TO FUSELAGE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Flush Rivet	AACQ-43	22
2.	1/8" Stainless Steel Rivet	CCPQ-42	92
3.	1/8" Stainless Steel Rivet	CCPQ-43	4
4.	1/8" Stainless Steel Rivet	CCPQ-44	51
5.	Vertical Stabilizer Tip	KPVS0032	1

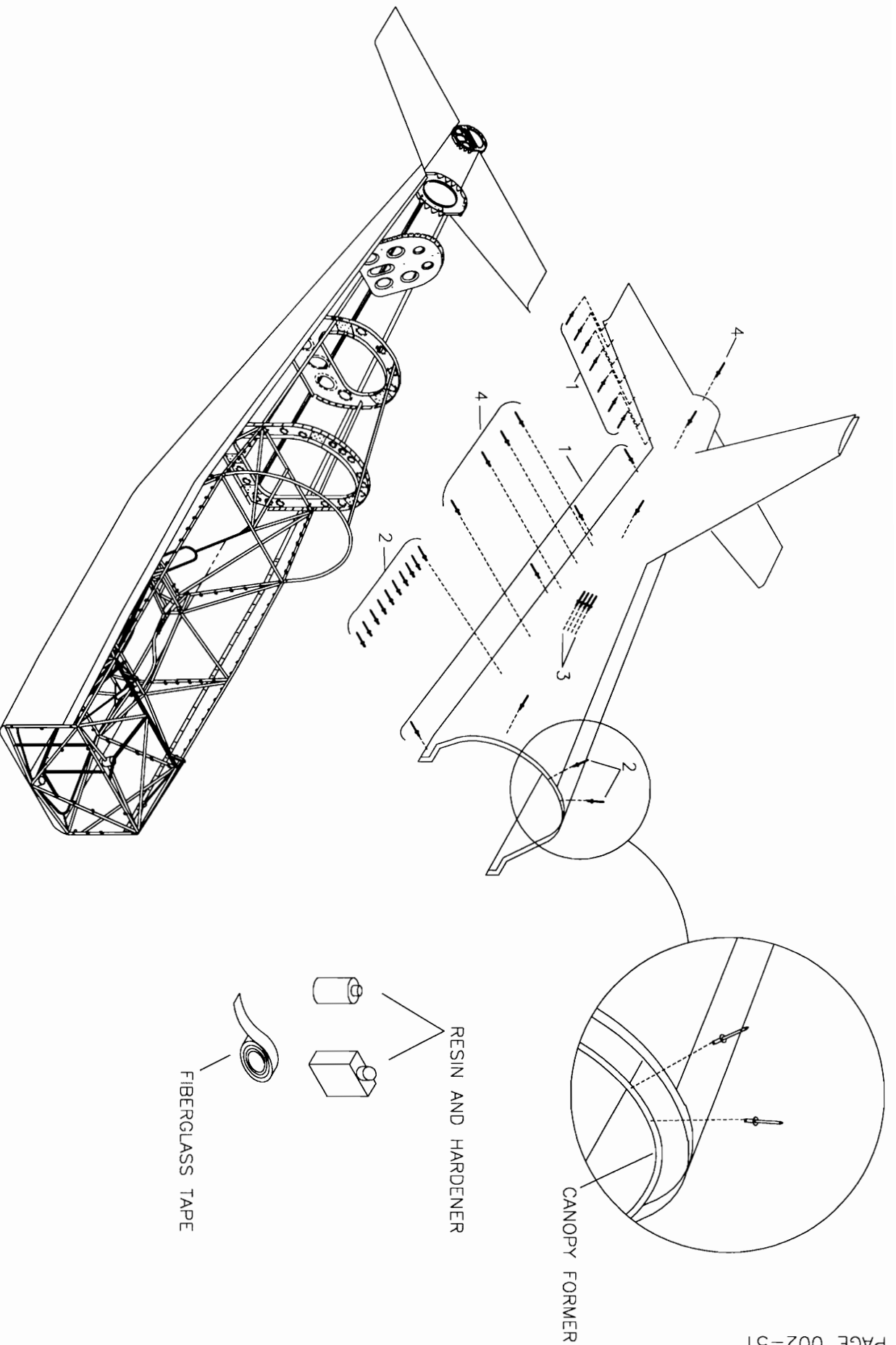


S-16 SHEKARI
TOP SHELL ASSEMBLY

S-16 SHEKARI - TOP SHELL ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Flush Rivet	AACQ-43	45
2.	Fiberglass Tape	KPFU0229	30 ft
3.	Epoxy Adhesive *	DP-460	0
4.	Fiberglass Resin & Hardener	KSFU0002	1

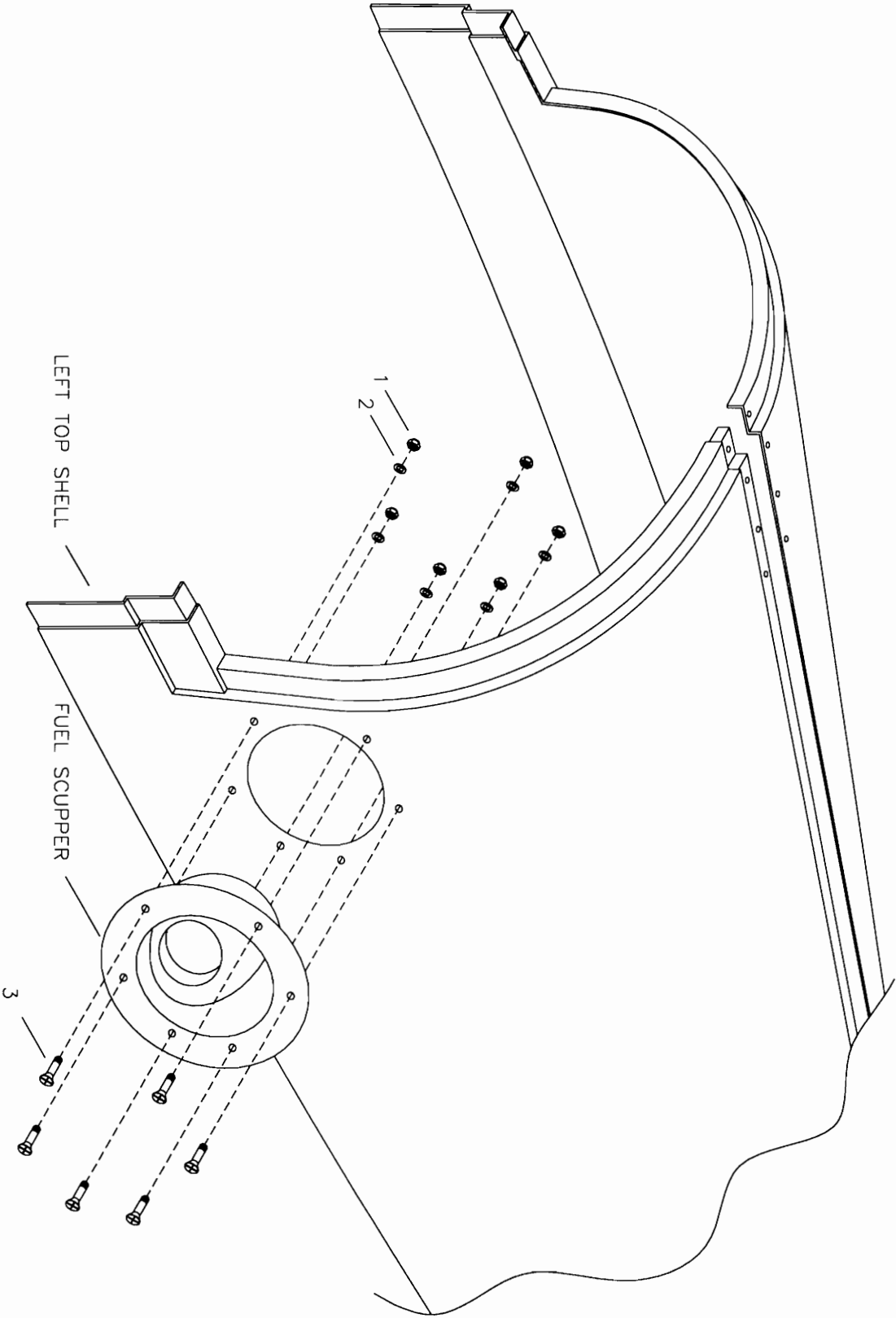
*Reference only.



REFORM S-16 SHEKARI TOP SHELLS TO FUSELAGE ASSEMBLY

S-16 SHEKARI - TOP SHELLS TO FUSELAGE ASSEMBLY

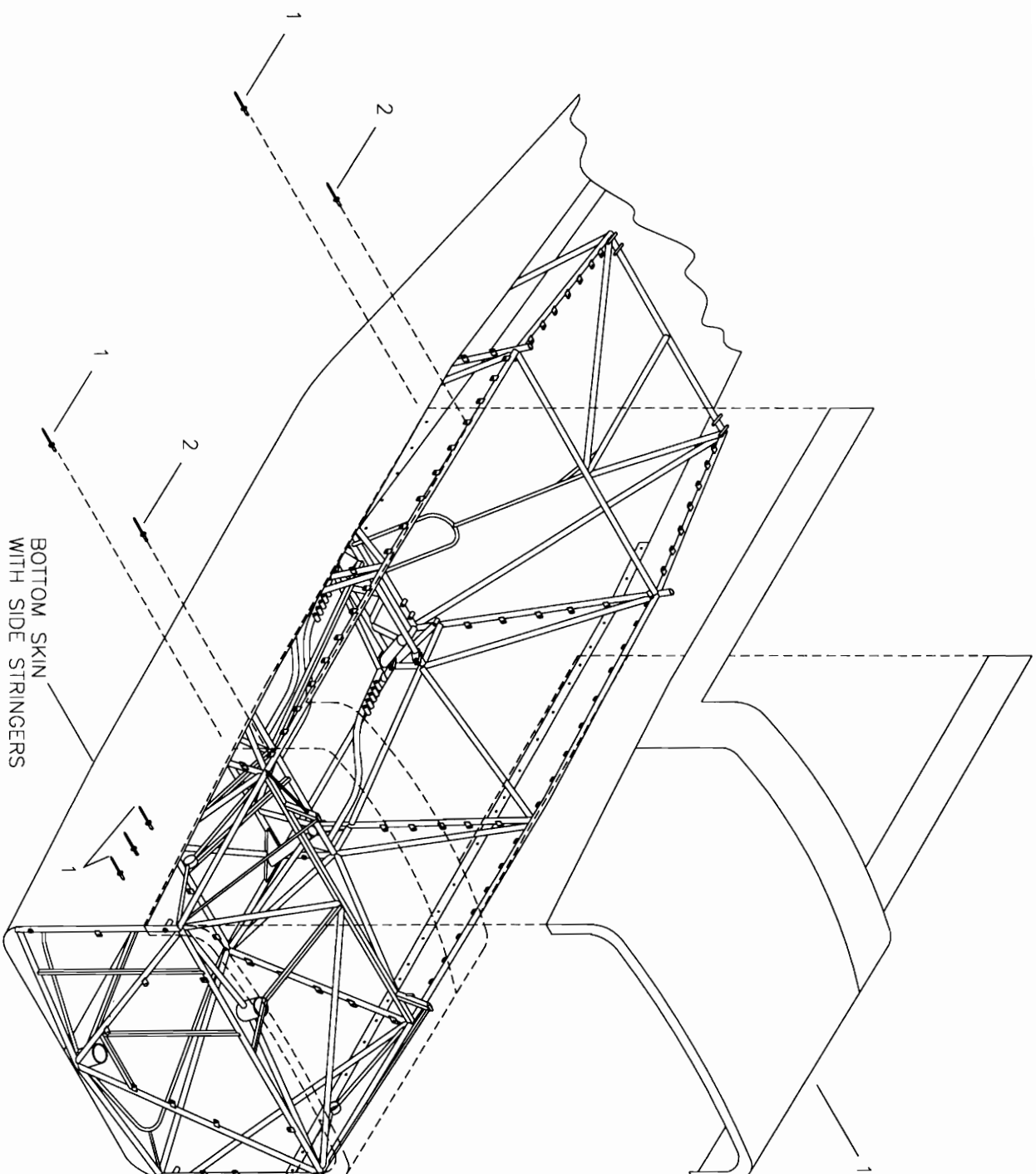
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Flush Rivet	AACQ-43	152
2.	1/8" Stainless Steel Rivet	CCPQ-42	56
3.	1/8" Stainless Steel Rivet	CCPQ-44	18
4.	1/8" Stainless Steel Rivet	CCPQ-43	62



REPAIR S-16 SHEKARI
FUEL SCUPPER INSTALLATION

S-16 SHEKARI - FUEL SCUPPER INSTALLATION

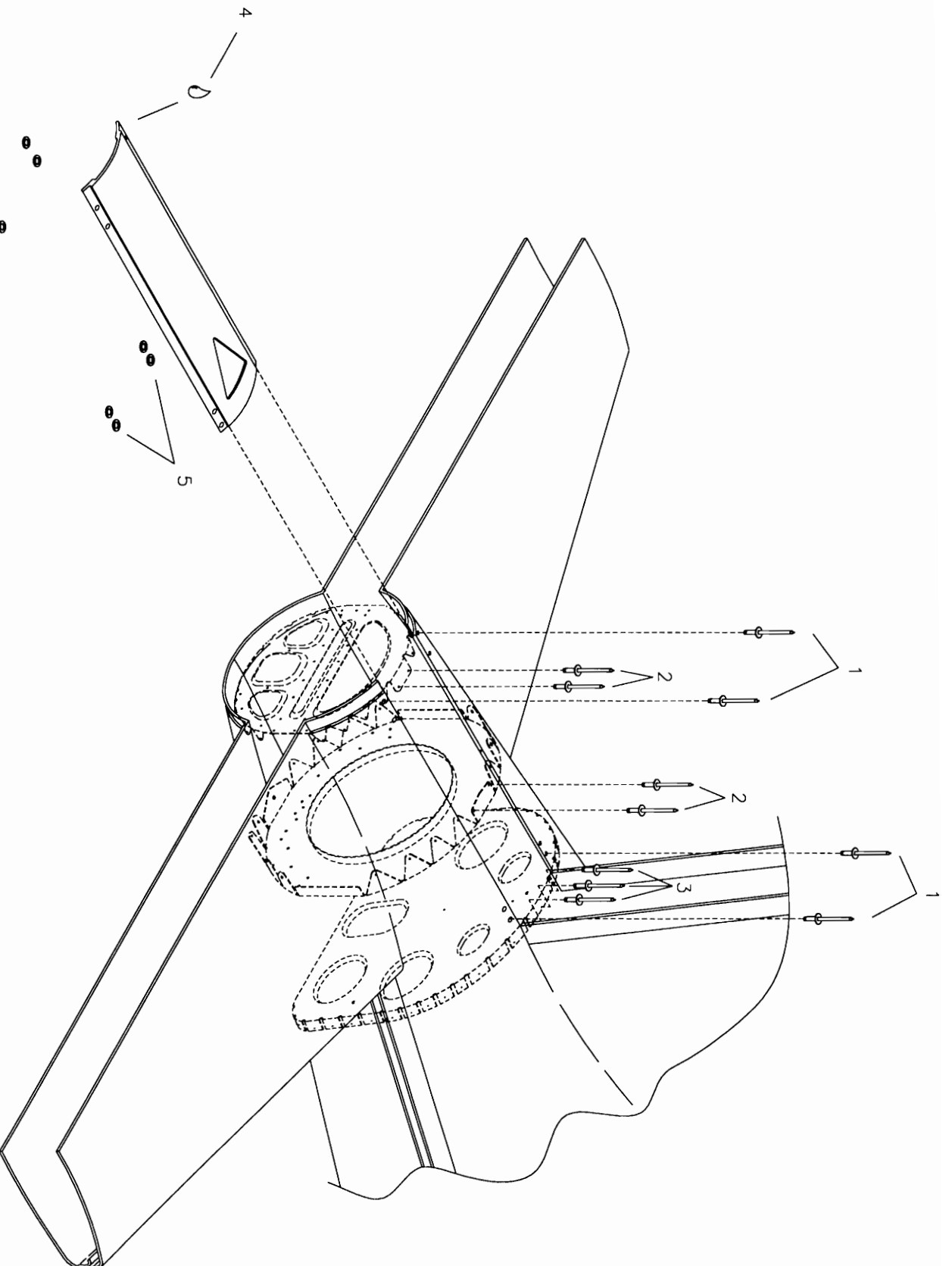
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Shear Nut	AN364-1032A	6
2.	3/16" Thin Washer	AN960-10L	6
3.	3/16" Countersunk Machine Bolt	MS24694S50	6



REF ID: A66583
S-16 SHEKARI
FORWARD DECK TO FUSELAGE ASSEMBLY

S-16 SHEKARI - FORWARD DECK TO FUSELAGE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Flush Rivet	AACQ-43	44
2.	1/8" Stainless Steel Rivet	CCPQ-42	34

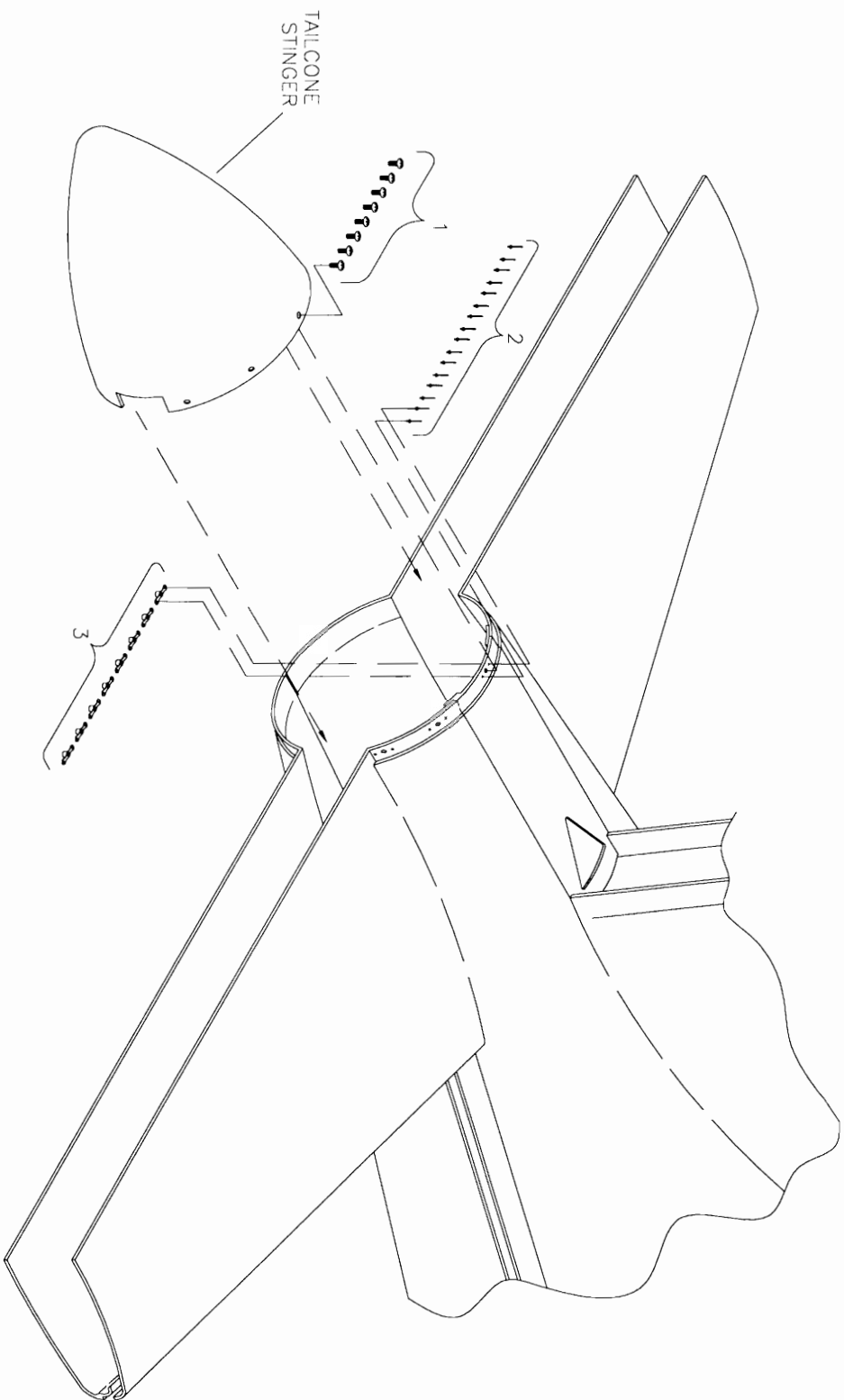


REFINISH S-16 SHEKARI
TOP AFT SPLICE TO FUSELAGE ASSEMBLY

S-16 SHEKARI - TOP AFT SPLICE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Flush Rivet	AACQ-42	10
2.	1/8" Aluminum Flush Rivet	AACQ-43	10
3.	1/8" Stainless Steel Rivet	CCPQ-42	3
4.	Epoxy Adhesive *	DP-460	0
5.	Brass Washer	AN960-B4	8

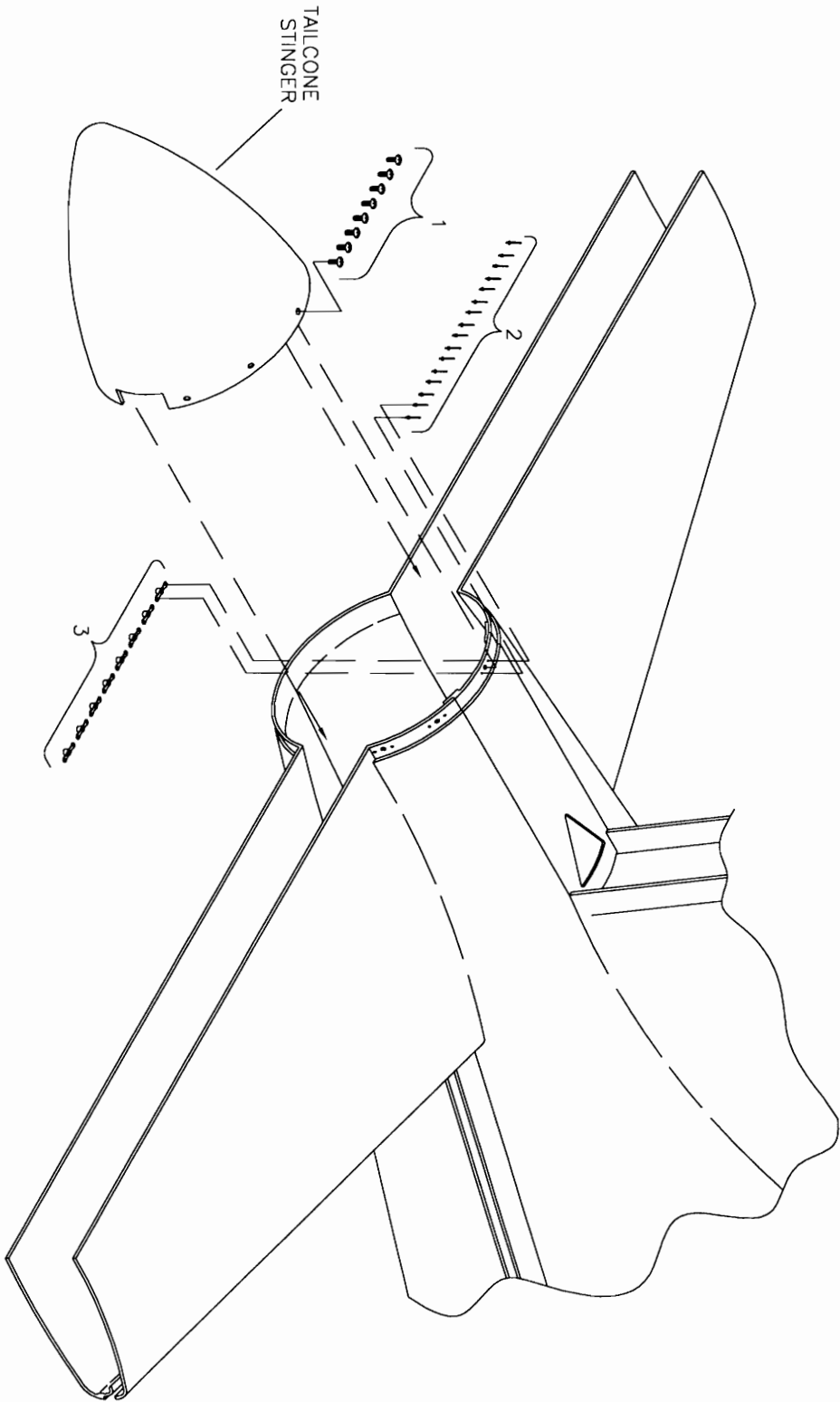
*Reference only.



REVISION S-16 SHEKARI
TAILCONE STINGER ASSEMBLY

S-16 SHEKARI - TAILCONE STINGER ASSEMBLY

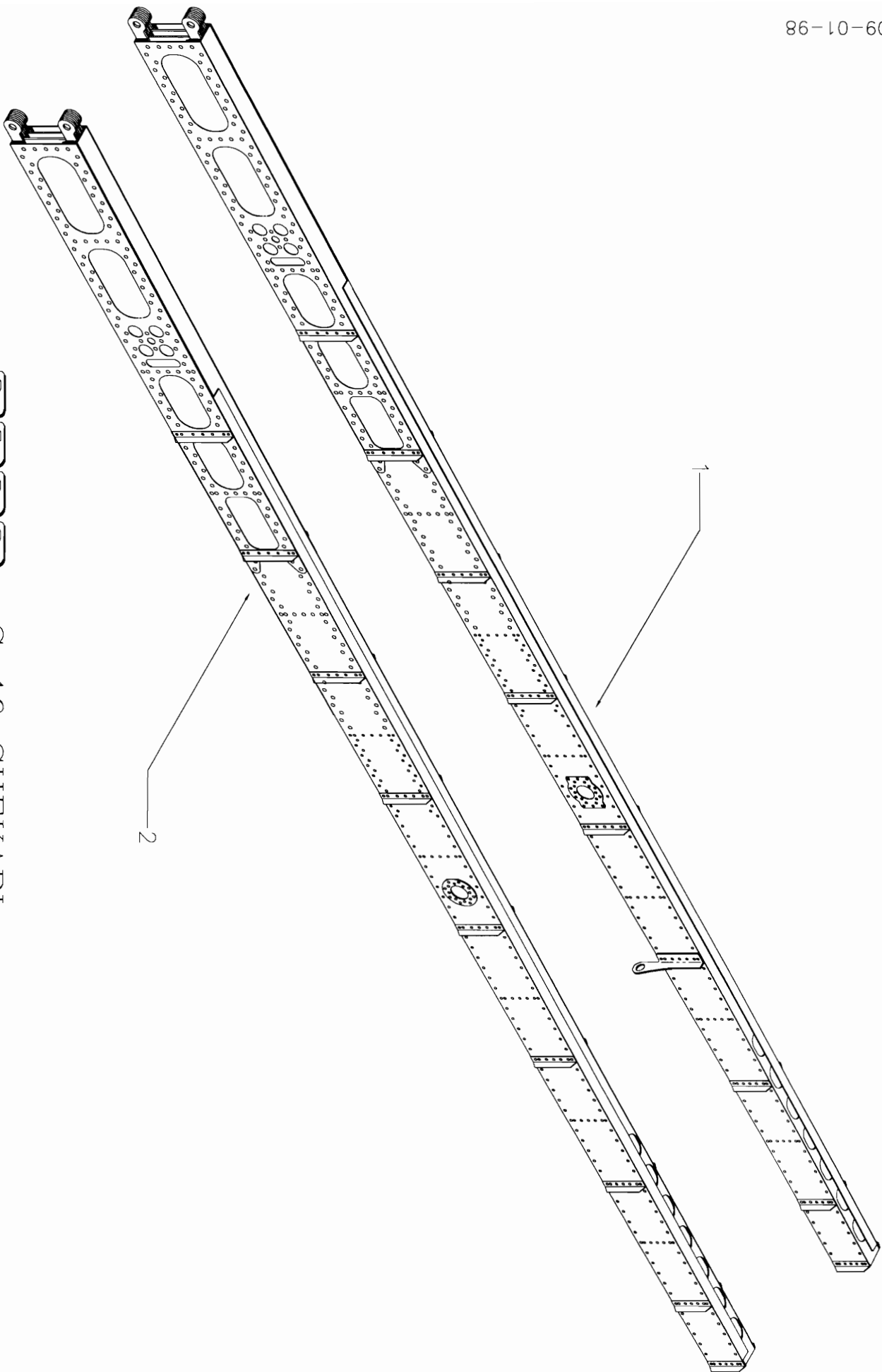
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Screw	MS27039-0809	8
2.	3/32" Aluminum Rivet	40APR1/8	16
3.	#8 Nut Plate	MS21047-08	8



REVISION S-16 SHEKARI
TAILCONE STINGER ASSEMBLY

S-16 SHEKARI - TAILCONE STINGER ASSEMBLY

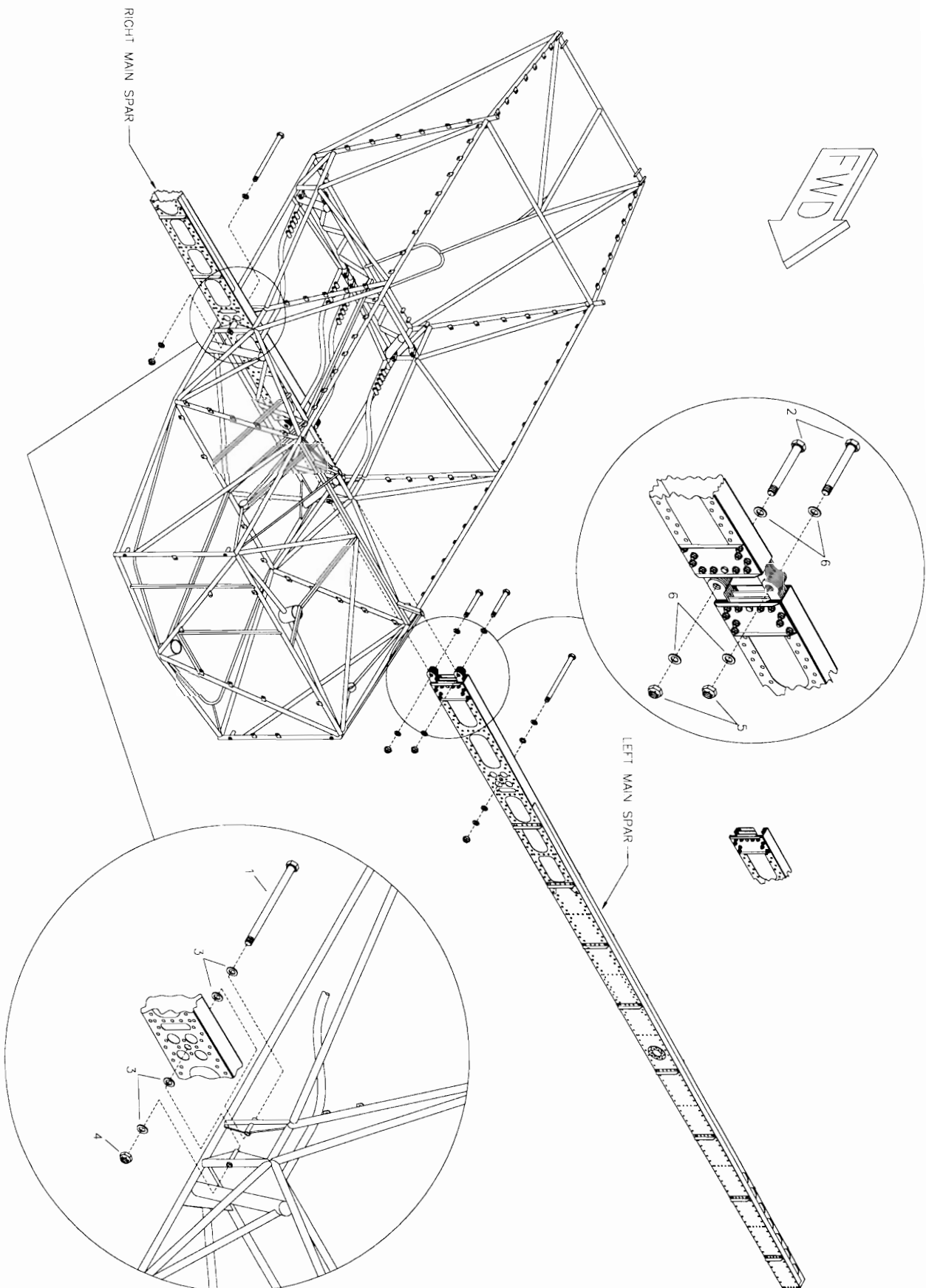
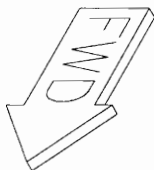
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Screw	MS27039-0809	8
2.	3/32" Aluminum Rivet	40APR1/8	16
3.	#8 Nut Plate	MS21047-08	8



RRMMS S-16 SHEKARI
MAIN WING SPARS

S-16 SHEKARI - MAIN WING SPARS

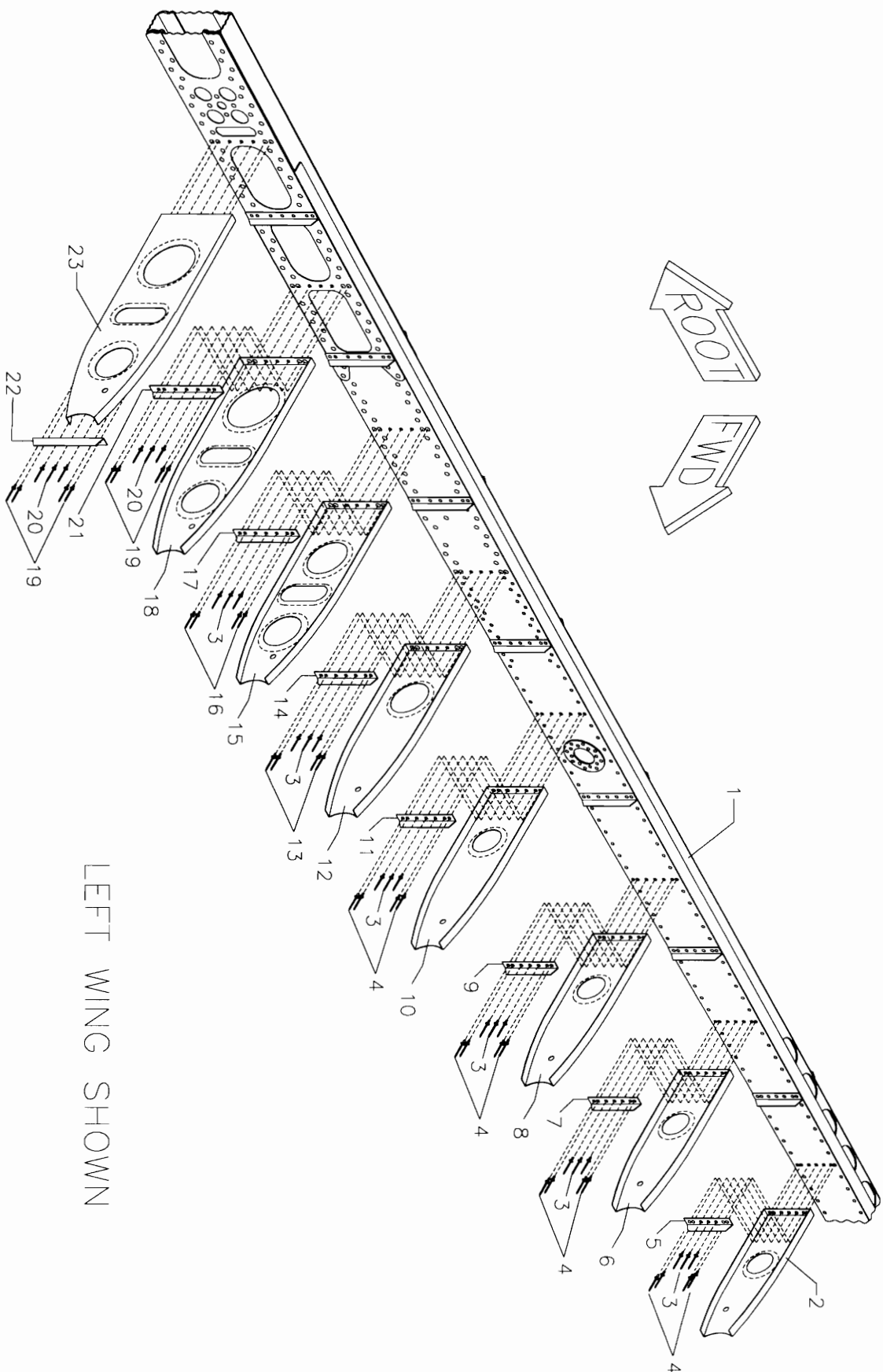
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Main Wing Spar - Right	KAWI0007-R	1
2.	Main Wing Spar - Left	KAWI0007-L	1



RRMS S-16 SHEKARI
MAIN SPAR TO CAGE INSTALLATION

S-16 SHEKARI - MAIN SPAR TO CAGE INSTALLATION

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/8" Bolt	AN6-71A	2
2.	9/16" Bolt	AN9-27A	2
3.	3/8" Thick Washer	AN960-616	8
4.	3/8" Tensile Nut	AN365-624A	2
5.	9/16" Shear Nut	MS21083N9	2
6.	9/16" Thick Washer	AN960-916	4



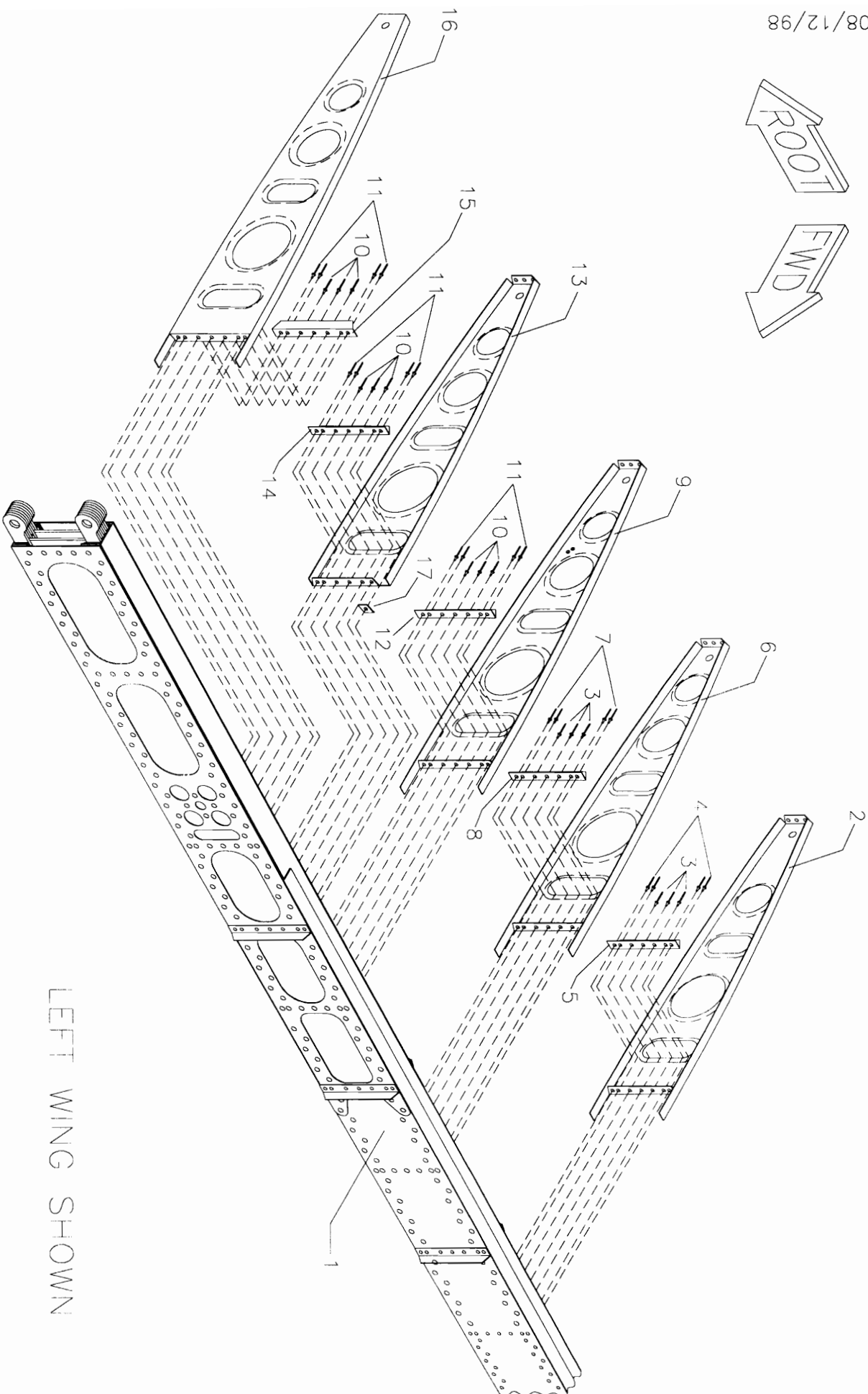
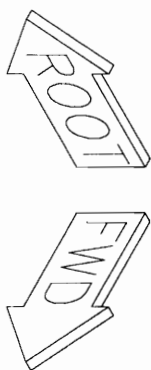
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RRRND S-16 SHEKARI **FORWARD RIB ASSEMBLY**

S-16 SHEKARI - FORWARD RIB ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Wing - Main Spar Assembly, LH *	KAWI0007-L	0
1.	Wing - Main Spar Assembly, RH *	KAWI0007-R	0
2.	Wing - FWD Rib #8, LH	KPWI0132-L	1
2.	Wing - FWD Rib #8, RH	KPWI0132-R	1
3.	1/8" Aluminum Rivet	AAPQ-42	36
4.	1/8" Aluminum Rivet	AAPQ-44	32
5.	Stiffener #15	KPWI0114	2
6.	Wing - FWD Rib #7, LH	KPWI0131-L	1
6.	Wing - FWD Rib #7, RH	KPWI0131-R	1
7.	Stiffener #13	KPWI0112	2
8.	Wing - FWD Rib #6, LH	KPWI0130-L	1
8.	Wing - FWD Rib #6, RH	KPWI0130-R	1
9.	Stiffener #11	KPWI0110	2
10.	Wing - FWD Rib #5, LH	KPWI0129-L	1
10.	Wing - FWD Rib #5, RH	KPWI0129-R	1
11.	Stiffener #9	KPWI0108	2
12.	Wing - FWD Rib #4, LH	KPWI0128-L	1
12.	Wing - FWD Rib #4, RH	KPWI0128-R	1
13.	3/16" Aluminum Rivet	AAPQ-66	8
14.	Stiffener #7	KPWI0106	2
15.	Wing - FWD Rib #3, LH	KPWI0127-L	1
15.	Wing - FWD Rib #3, RH	KPWI0127-R	1
16.	3/16" Aluminum Rivet	AAPQ-68	8
17.	Stiffener #5	KPWI0104	2
18.	Wing - FWD Rib #2, LH	KPWI0126-L	1
18.	Wing - FWD Rib #2, RH	KPWI0126-R	1
19.	3/16" Steel Rivet	SSPQ-610	16
20.	1/8" Aluminum Rivet	AAPQ-46	12
21.	Stiffener #3	KPWI0102	2
22.	Stiffener #1	KPWI0100	2
23.	Wing - FWD Rib #1, LH	KPWI0125-L	1
23.	Wing - FWD Rib #1, RH	KPWI0125-R	1

*Reference only.



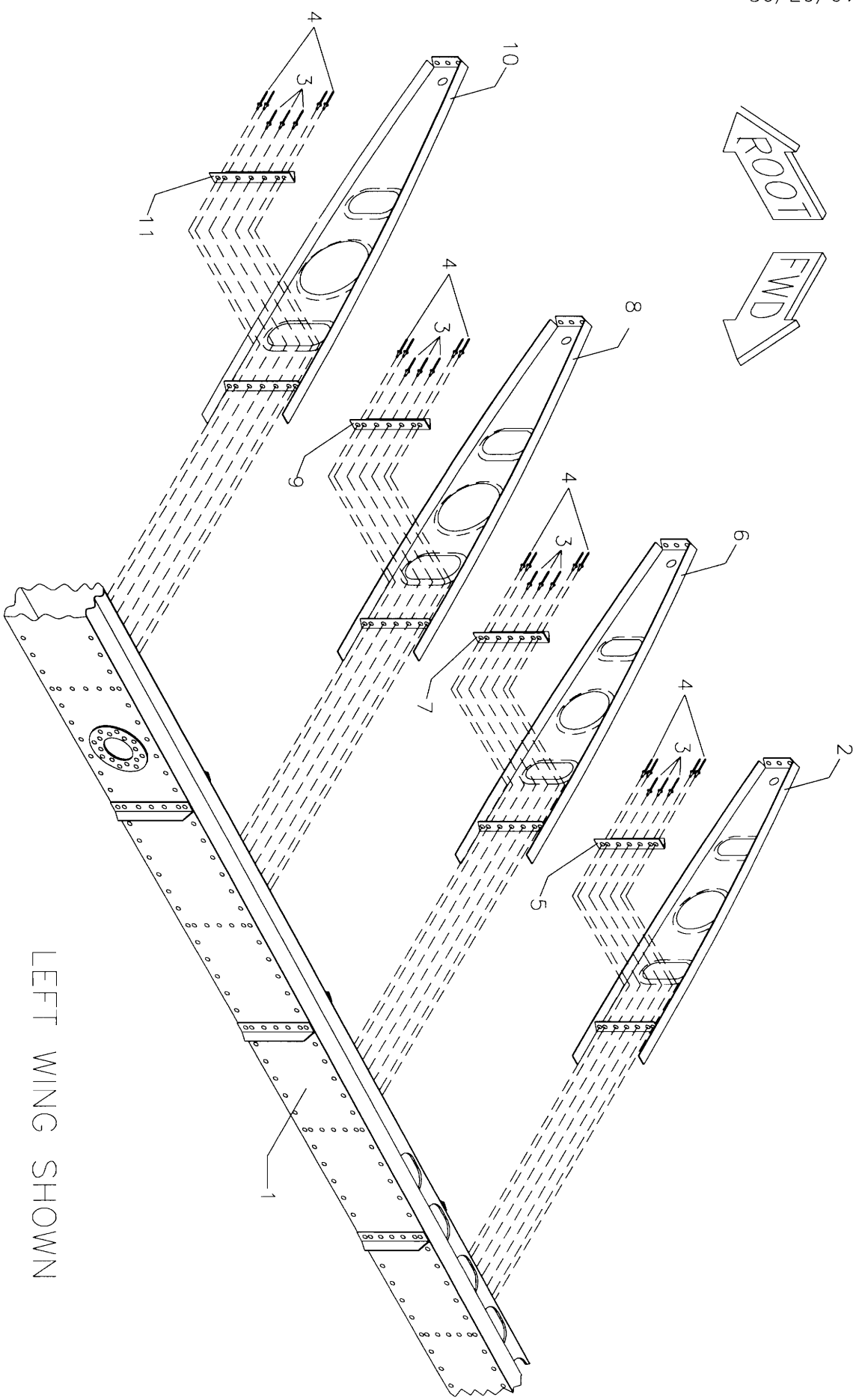
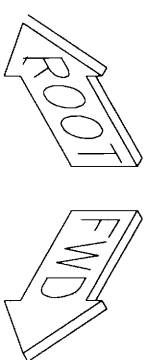
REVISION S-16 SHEKARI
AFT RIB ASSEMBLY, RIBS #1 THRU #4

S-16 SHEKARI - AFT RIBS 1-4 ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Wing - Main Spar Assembly, LH *	KAWI0007-L	0
1.	Wing - Main Spar Assembly, RH *	KAWI0007-R	0
2.	Wing - AFT Rib #4, LH	KPWI0159-L	1
2.	Wing - AFT Rib #4, RH	KPWI0159-R	1
3.	1/8" Aluminum Rivet	AAPQ-42	12
4.	3/16" Aluminum Rivet	AAPQ-64	8
5.	Stiffener #7	KPWI0106	2
6.	Wing - AFT Rib #3, LH	KPWI0158-L	1
6.	Wing - AFT Rib #3, RH	KPWI0158-R	1
7.	3/16" Aluminum Rivet	AAPQ-66	8
8.	Stiffener #5	KPWI0104	2
9.	Wing - AFT Rib #2, LH	KPWI0157-L	1
9.	Wing - AFT Rib #2, RH	KPWI0157-R	1
10.	1/8" Aluminum Rivet	AAPQ-46	18
11.	3/16" Steel Rivet	SSPQ-610	24
12.	Stiffener #3	KPWI0102	2
13.	Wing - Step Rib, LH	KPWI0166-L	1
13.	Wing - Step Rib, RH	KPWI0166-R	1
14.	Stiffener #2	KPWI0101	2
15.	Stiffener #1	KPWI0100	2
16.	Wing - AFT Rib #1, LH	KPWI0156-L	1
16.	Wing - AFT Rib #1, RH	KPWI0156-R	1
17.	Aluminum Shim, 1/2" x 040 x 5/8" **	KAAC0012-13	0

*Reference only.

**Builder cuts to fit.



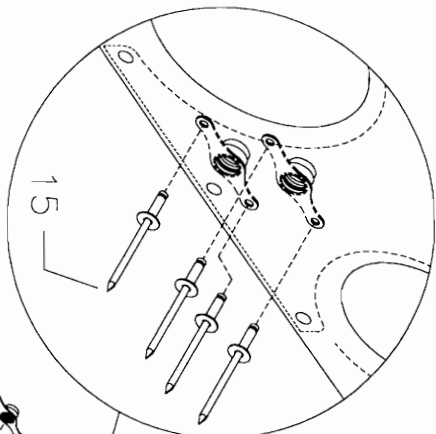
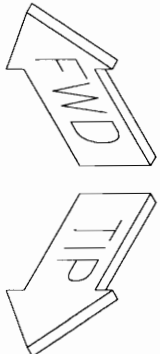
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RRRRII S-16 SHEKARI
AFT RIB ASSEMBLY, RIBS #5 THRU #8

S-16 SHEKARI - AFT RIBS 5-8 ASSEMBLY

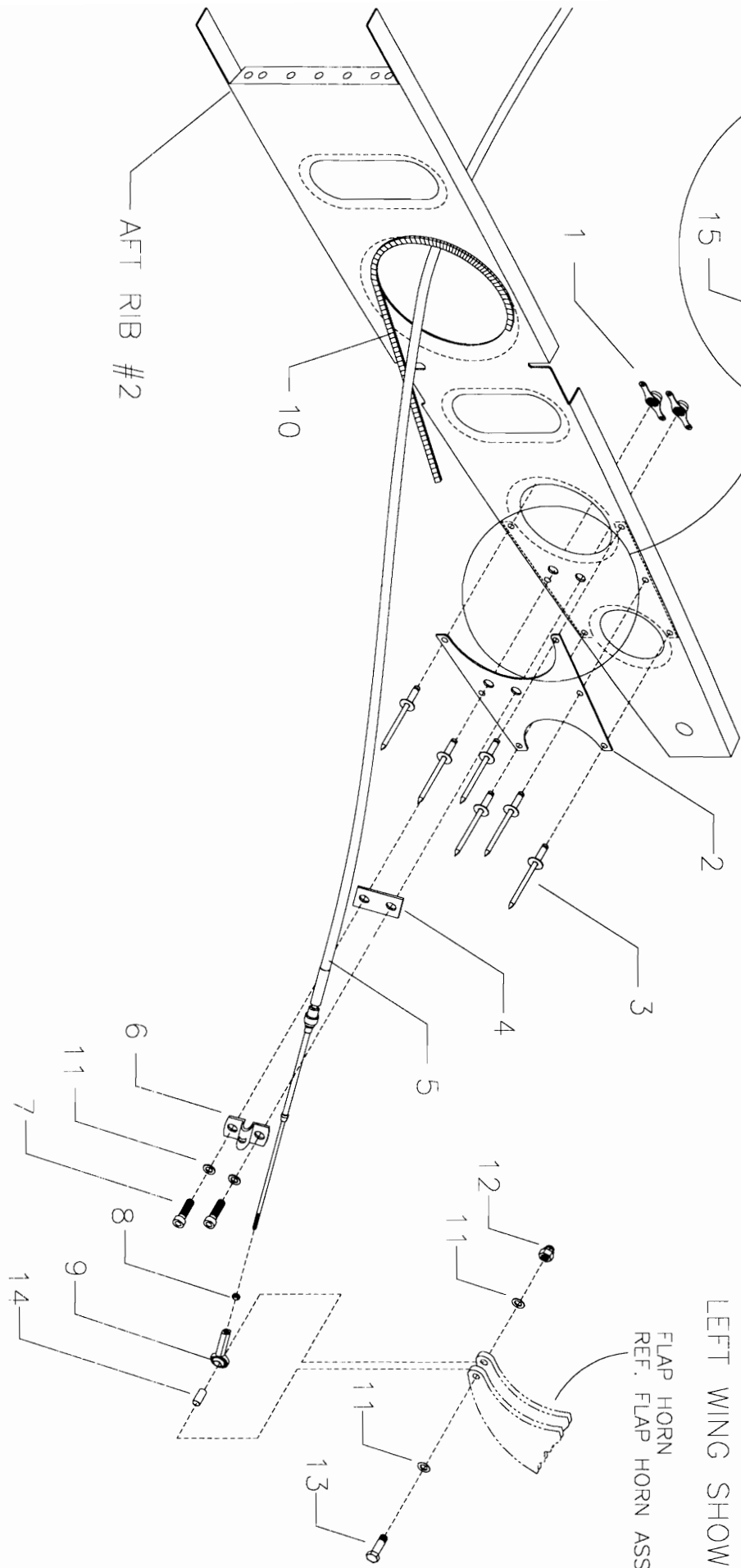
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Wing - Main Spar Assembly, LH *	KAWI0007-L	0
1.	Wing - Main Spar Assembly, RH *	KAWI0007-R	0
2.	Wing - AFT Rib #8, LH	KPWI0163-L	1
2.	Wing - AFT Rib #8, RH	KPWI0163-R	1
3.	1/8" Aluminum Rivet	AAPQ-42	24
4.	1/8" Aluminum Rivet	AAPQ-44	32
5.	Stiffener #15	KPWI0114	2
6.	Wing - AFT Rib #7, LH	KPWI0162-L	1
6.	Wing - AFT Rib #7, RH	KPWI0162-R	1
7.	Stiffener #13	KPWI0112	2
8.	Wing - AFT Rib #6, LH	KPWI0161-L	1
8.	Wing - AFT Rib #6, RH	KPWI0161-R	1
9.	Stiffener #11	KPWI0110	2
10.	Wing - AFT Rib #5, LH	KPWI0160-L	1
10.	Wing - AFT Rib #5, RH	KPWI0160-R	1
11.	Stiffener #9	KPWI0108	2

*Reference only.



LEFT WING SHOWN

FLAP HORN
REF. FLAP HORN ASSEMBLY



AFT RIB #2

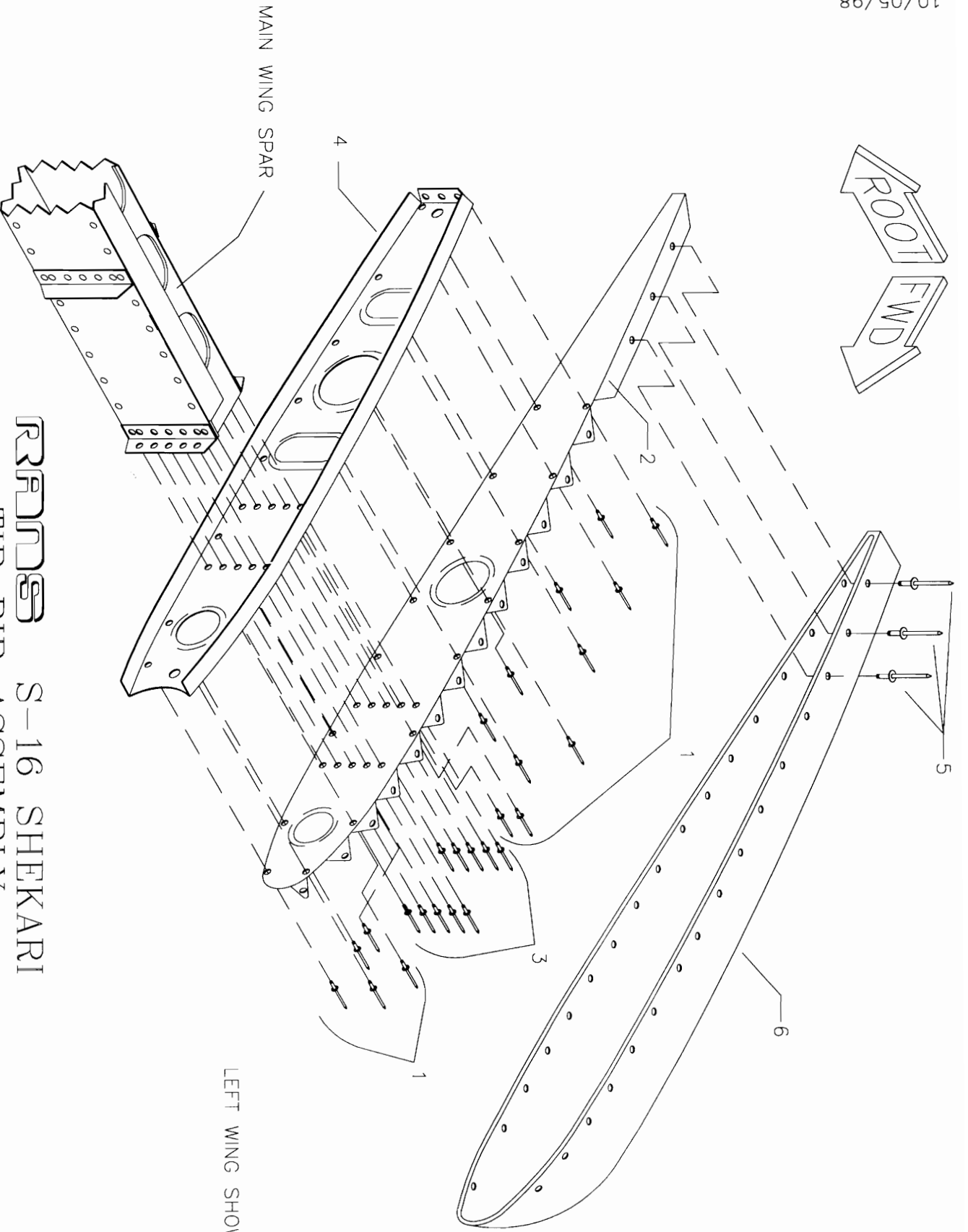
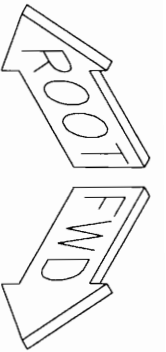
REMOVED S-16 SHEKARI
TELEFLEX RETAINER - AFT RIB #2

S-16 SHEKARI - TELEFLEX RETAINER - AFT RIB #2

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Nut Plate	K-1000-3	4
2.	Mount Plate, Teleflex Retainer	KPFL0058	2
3.	1/8" Aluminum Rivet	AAPQ-42	12
4.	Plastic Shim	KPAC0121	2
5.	40 Series Flap Teleflex	KSCS0010	2
6.	40 Series Teleflex Retainer Bracket	KSCS0011	2
7.	3/16" Sockethead Capscrew	KSHW0056	4
8.	Nut *	-----	2
9.	1/4" Female Rod End Bearing	KSCS0012	2
10.	Serrated Grommet Strip **	KSAC0023	80 in
11.	3/16" Thin Washer	AN960-10L	8
12.	3/16" Shear Acorn Nut	22NKM02	2
13.	3/16" Bolt	AN3-7A	2
14.	Aluminum Bushing, 1/4" x .028 x .38 **	KAAC0012-6	0
15.	3/32" Aluminum Rivet	40APR1/8	8

*Supplied with Teleflex.

**Builder must cut to length. Refer to text for instructions.

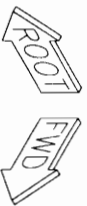


SRM S-16 SHEKARI TIP RIB ASSEMBLY

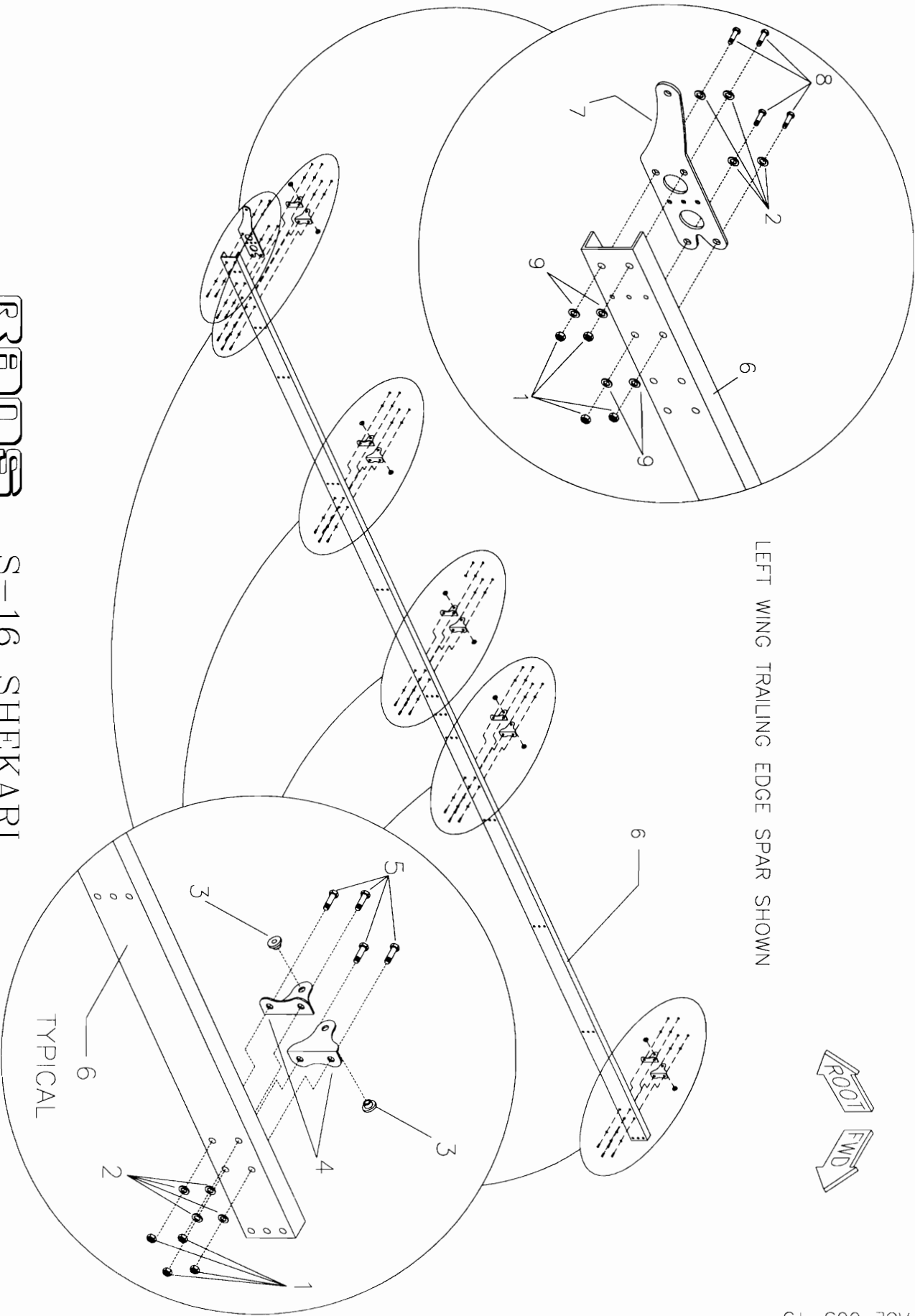
LEFT WING SHOWN

S-16 SHEKARI - WING - TIP RIB ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Rivet	AAPQ-41	32
2.	Tip Mounting Rib, LH	KPWI0268-L	1
2.	Tip Mounting Rib, RH	KPWI0268-R	1
3.	1/8" Aluminum Rivet	AAPQ-42	20
4.	Wing - Tip Rib #9, LH	KPWI0133-L	1
4.	Wing - Tip Rib #9, RH	KPWI0133-R	1
5.	1/8" Aluminum Flush Rivet	AACQ-42	72
6.	Wing Tip - Left	KPWI0276-L	1
6.	Wing Tip - Right	KPWI0276-R	1



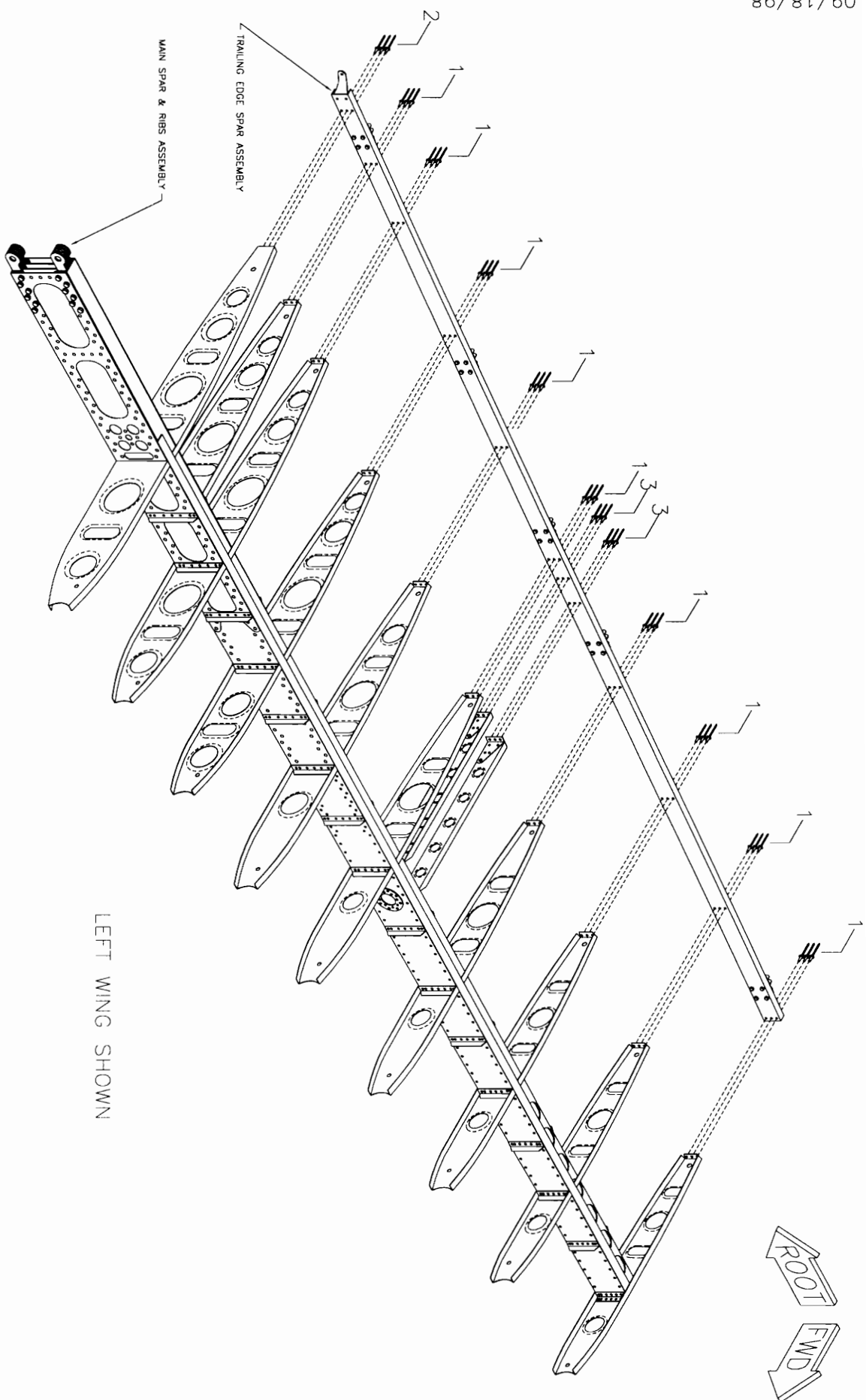
LEFT WING TRAILING EDGE SPAR SHOWN



REPAIR S-16 SHEKARI
TRAILING EDGE SPAR ASSEMBLY

S-16 SHEKARI - TRAILING EDGE SPAR ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Tensile Nut	AN365-1032A	48
2.	3/16" Thin Washer	AN960-10L	48
3.	Flange Bushing	KSAC0019-3	20
4.	Control Surface Hinge	KPFL0025	20
5.	3/16" Bolt	AN3-4A	40
6.	Wing - Trailing Edge Spar - Left	KPWI0134-L	1
6.	Wing - Trailing Edge Spar - Right	KPWI0134-R	1
7.	Wing - Trailing Edge Spar Attach Plate - Left	KPWI0146-L	1
7.	Wing - Trailing Edge Spar Attach Plate - Right	KPWI0146-R	1
8.	3/16" Bolt	AN3-6A	8
9.	3/16" Thick Washer	AN960-10	8



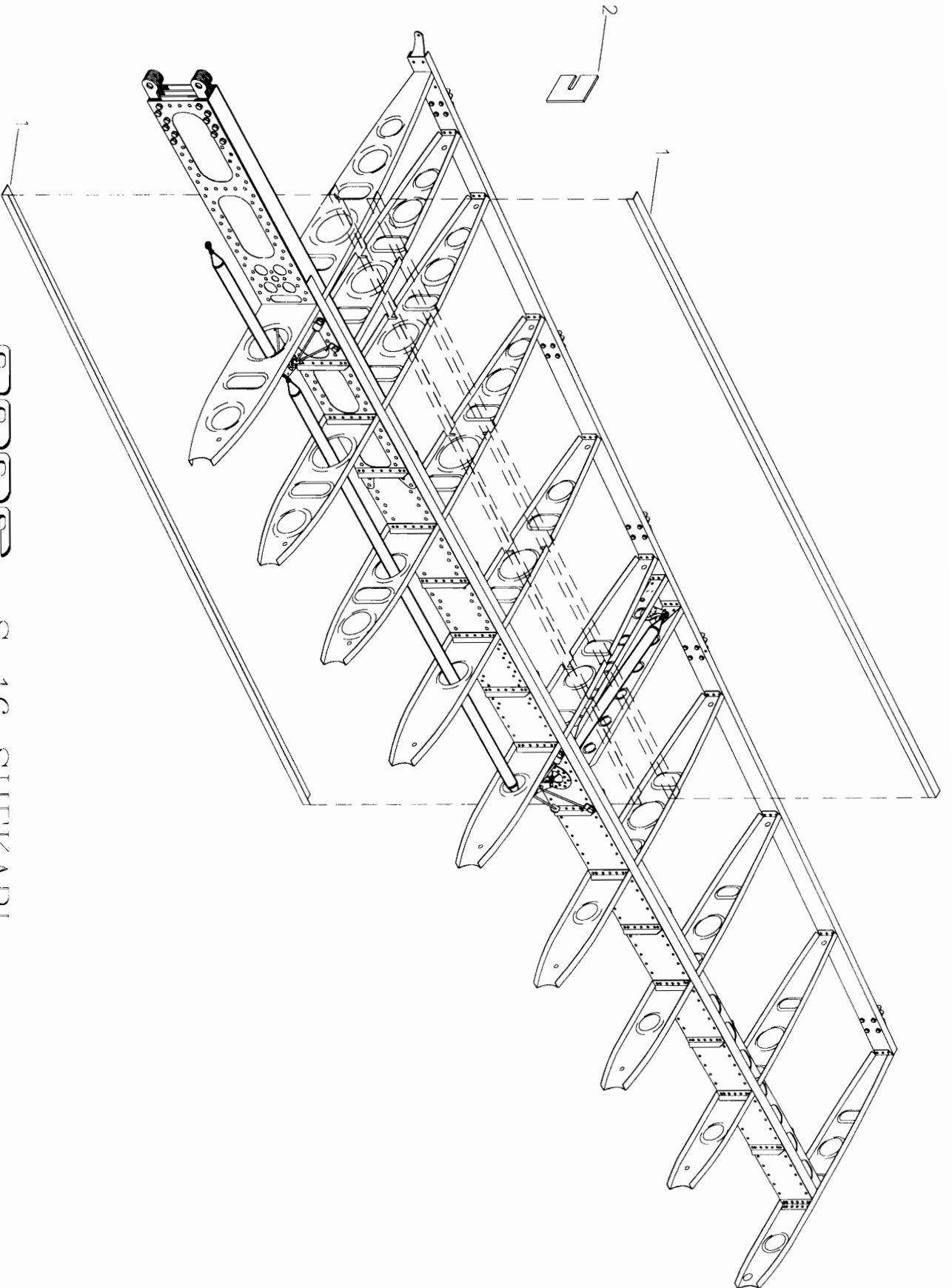
PAGE 003-17

TRAILING EDGE SPAR ATTACHMENT

LEFT WING SHOWN

S-16 SHEKARI - TRAILING EDGE SPAR ATTACHMENT

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Rivet	AAPQ-42	54
2.	1/8" Aluminum Rivet	AAPQ-46	6
3.	1/8" Aluminum Rivet	AAPQ-44	12

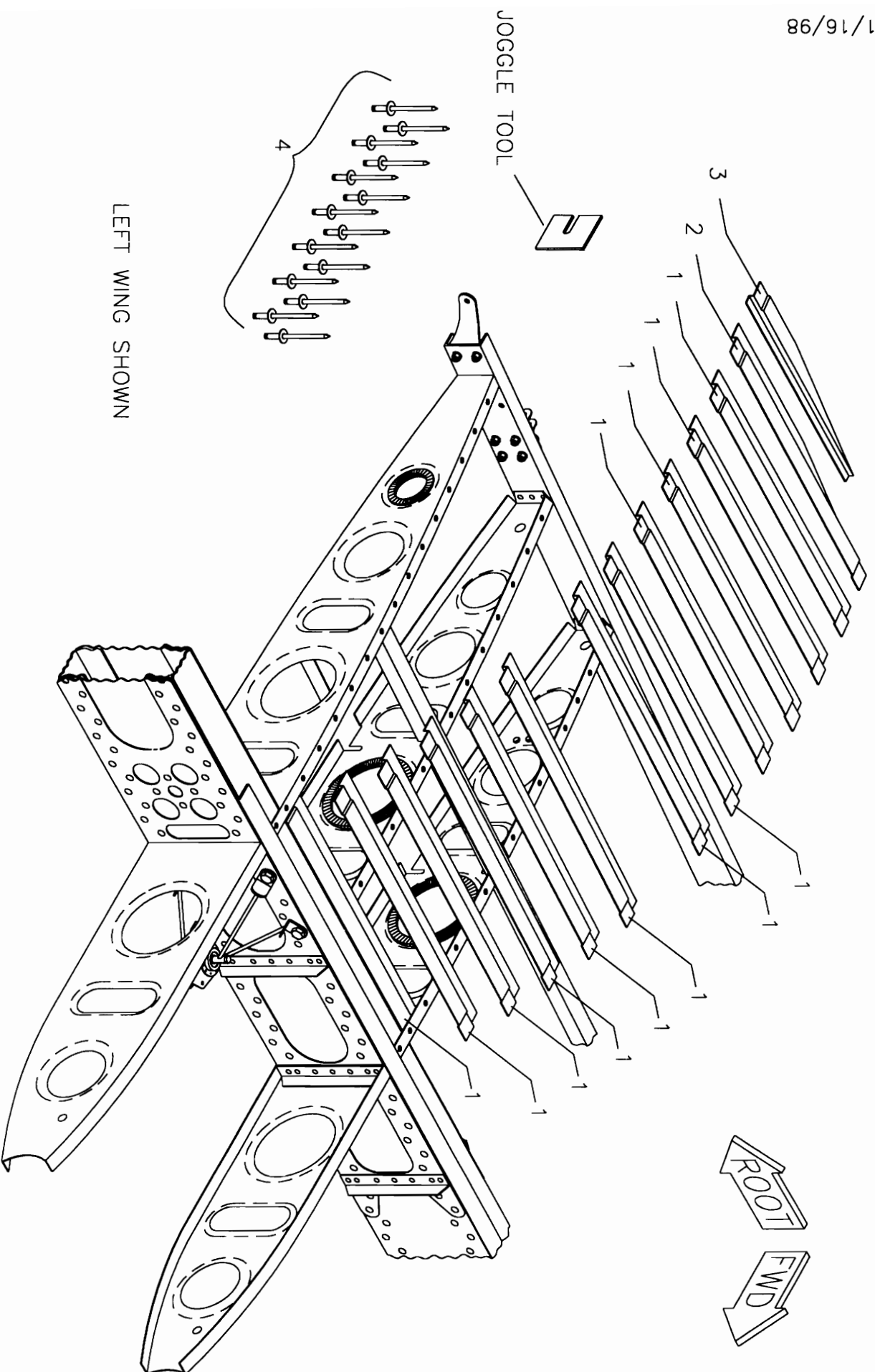


REF ID: A12345
S-16 SHEKARI
WING STRINGER ASSEMBLY

S-16 SHEKARI - WING STRINGER ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Wing Stringer	KPWI0265	4
2.	Joggle Tool 3.25" x .080 x 2.25 *	KAAC0012-4	0

*Builder must fabricate from raw stock.

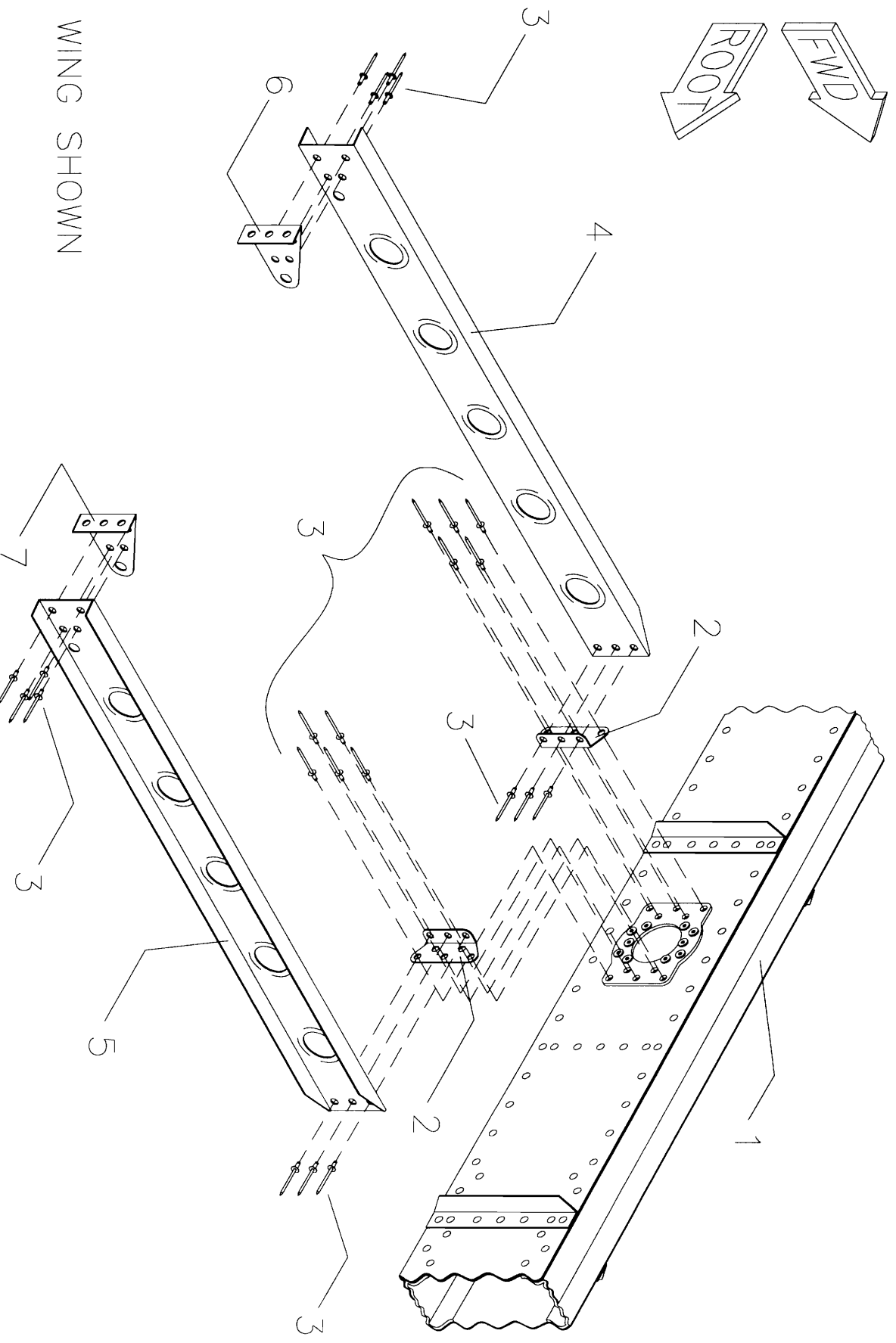
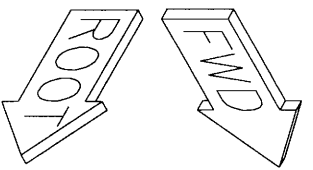


REVISION S-16 SHEKARI
STEP RIB REINFORCEMENT

S-16 SHEKARI - STEP RIB REINFORCEMENT

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Step Rib Reinforcement Strip	KPWI0266	24
2.	Step Rib Reinforcement Strip *	KPWI0266	2
3.	Step Rib Reinforcement Strip *	KPWI0266	2
4.	1/8" Aluminum Rivet	AAPQ-42	28

*Builder must modify. Refer to text for instructions.



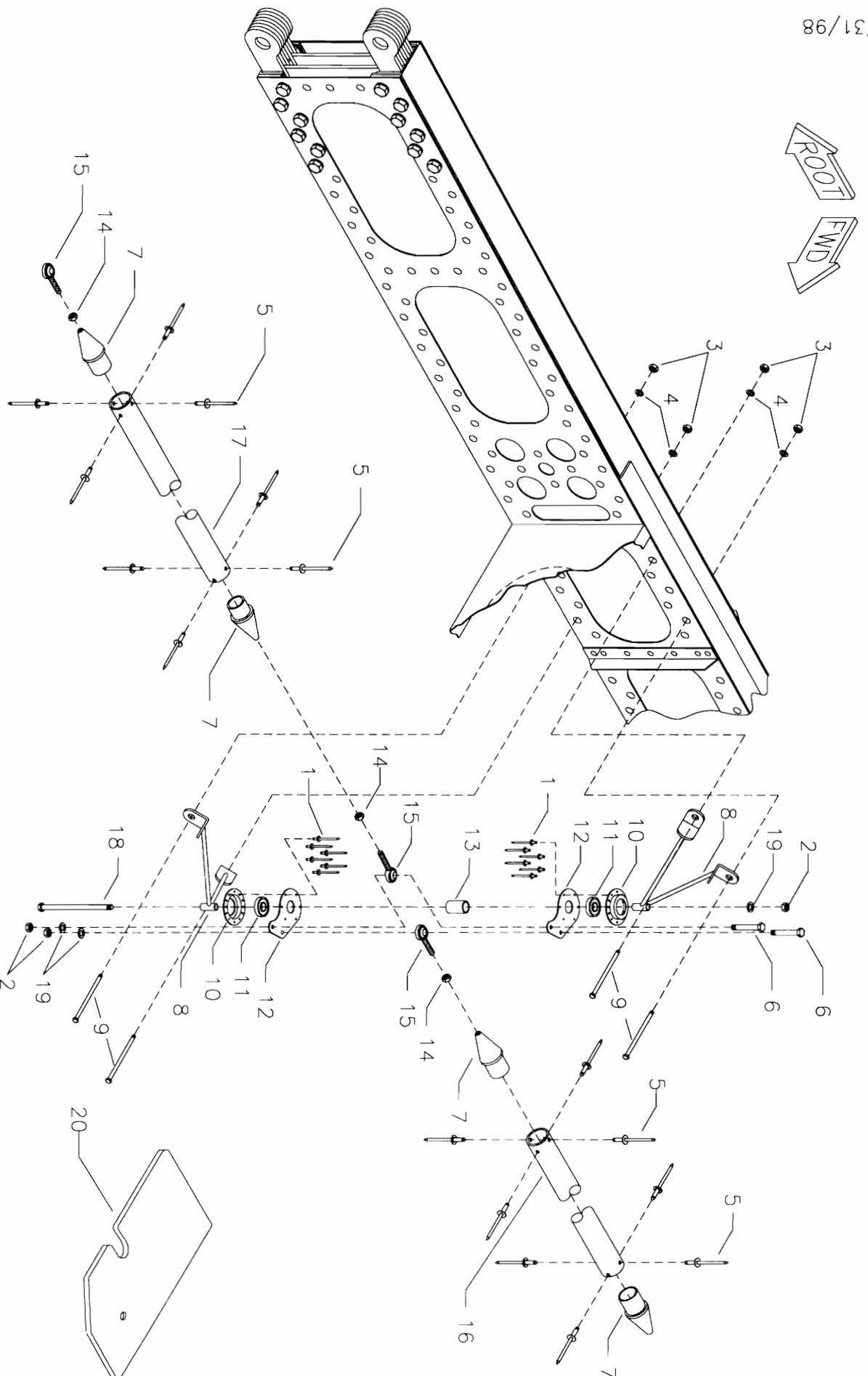
LEFT WING SHOWN

REVISION S-16 SHEKARI
BELLCRANK CHANNEL ASSEMBLY

S-16 SHEKARI - BELLCRANK CHANNEL ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Wing - Main Spar Assembly, LH *	KAWI0007-L	0
1.	Wing - Main Spar Assembly, RH *	KAWI0007-R	0
2.	Forward Bellcrank Channel Mount	KPWI0202	4
3.	1/8" Aluminum Rivet	AAPQ-42	48
4.	Outboard Bellcrank Channel, LH	KPWI0201-L	1
4.	Outboard Bellcrank Channel, RH	KPWI0201-R	1
5.	Inboard Bellcrank Channel, LH	KPWI0200-L	1
5.	Inboard Bellcrank Channel, RH	KPWI0200-R	1
6.	Outboard Bellcrank Mount, LH	KPWI0198-L	1
6.	Outboard Bellcrank Mount, RH	KPWI0198-R	1
7.	Inboard Bellcrank Mount, LH	KPWI0197-L	1
7.	Inboard Bellcrank Mount, RH	KPWI0197-R	1

*Reference only.

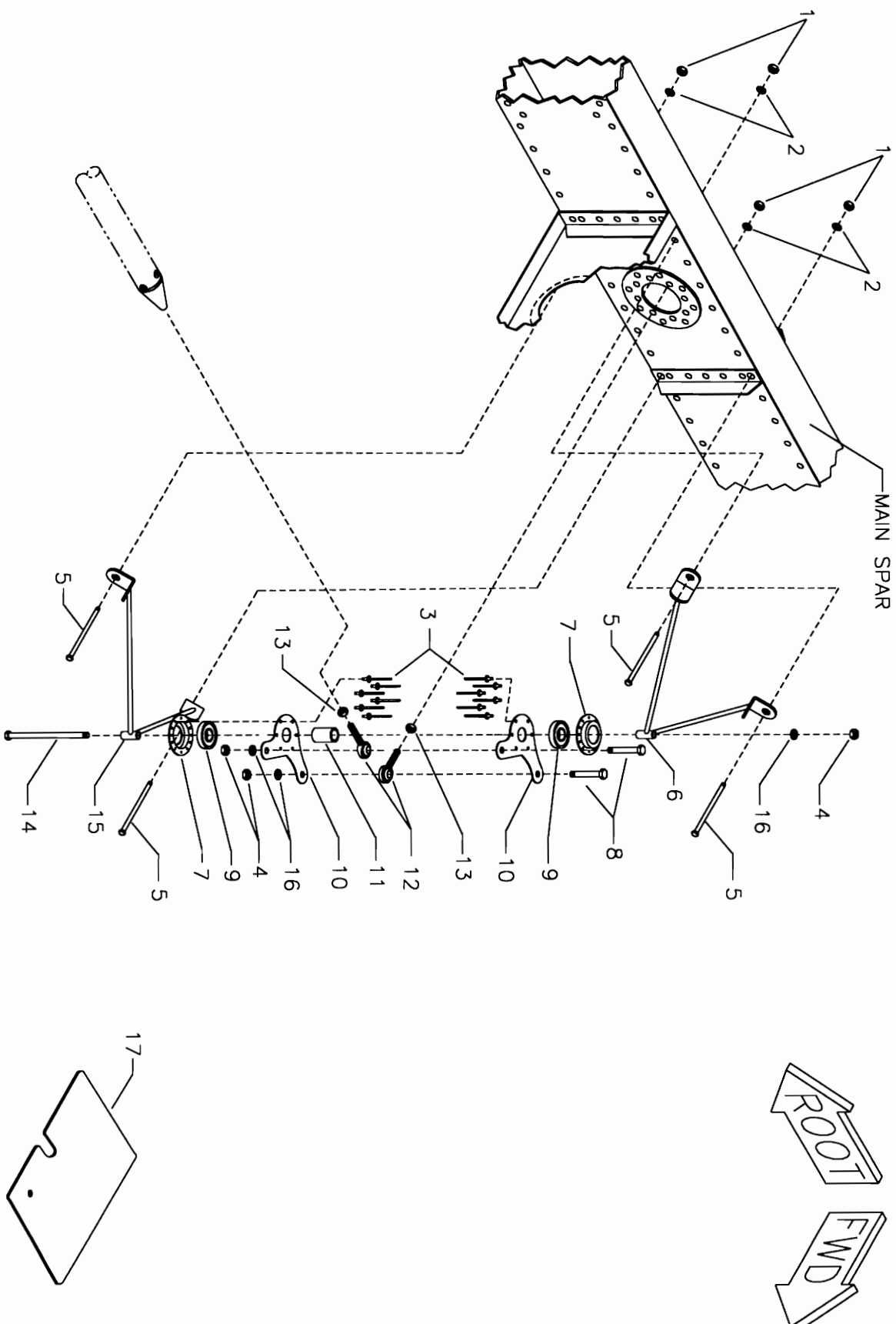


REVISION S-16 SHEKARI
AILERON - INNER BELLCRANK ASSEMBLY

S-16 SHEKARI - AILERON - INNER BELLCRANK ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Stainless Steel Rivet	CCPQ-44	24
2.	1/4" Shear Nut	AN364-428A	6
3.	3/16" Shear Nut	AN364-1032A	8
4.	3/16" Thick Washer	AN960-10	8
5.	1/8" Stainless Steel Rivet	CCPQ-42	32
6.	1/4" Bolt	AN4-7A	4
7.	Push Pull Tube End Fitting	KPCS0016	8
8.	Inner Bellcrank Mount	KPCS0118	4
9.	3/16" Bolt	AN3-33A	8
10.	Bearing Flange	BR-FLNG	4
11.	Bearing	SR4APP	4
12.	Aileron Inner Bellcrank	KPCS0077	4
13.	Aluminum Bushing, 3/8" x .058 x approx. 0.53" *	KAAC0012-3	0
14.	1/4" Plain Nut	AN345-416	6
15.	Male Rod End, 1/4" x 1/4"	NM-4	6
16.	Aileron Push Pull Tube - Outer	KPCS0081	2
17.	Aileron Push Pull Tube - Inner	KPCS0080	2
18.	1/4" Bolt	AN4-33A	2
19.	1/4" Thin Washer	AN960-416L	6
20.	Inner Bellcrank, Aileron Neutral Position Template	KPCS0123	1

*Builder must fabricate from raw stock.



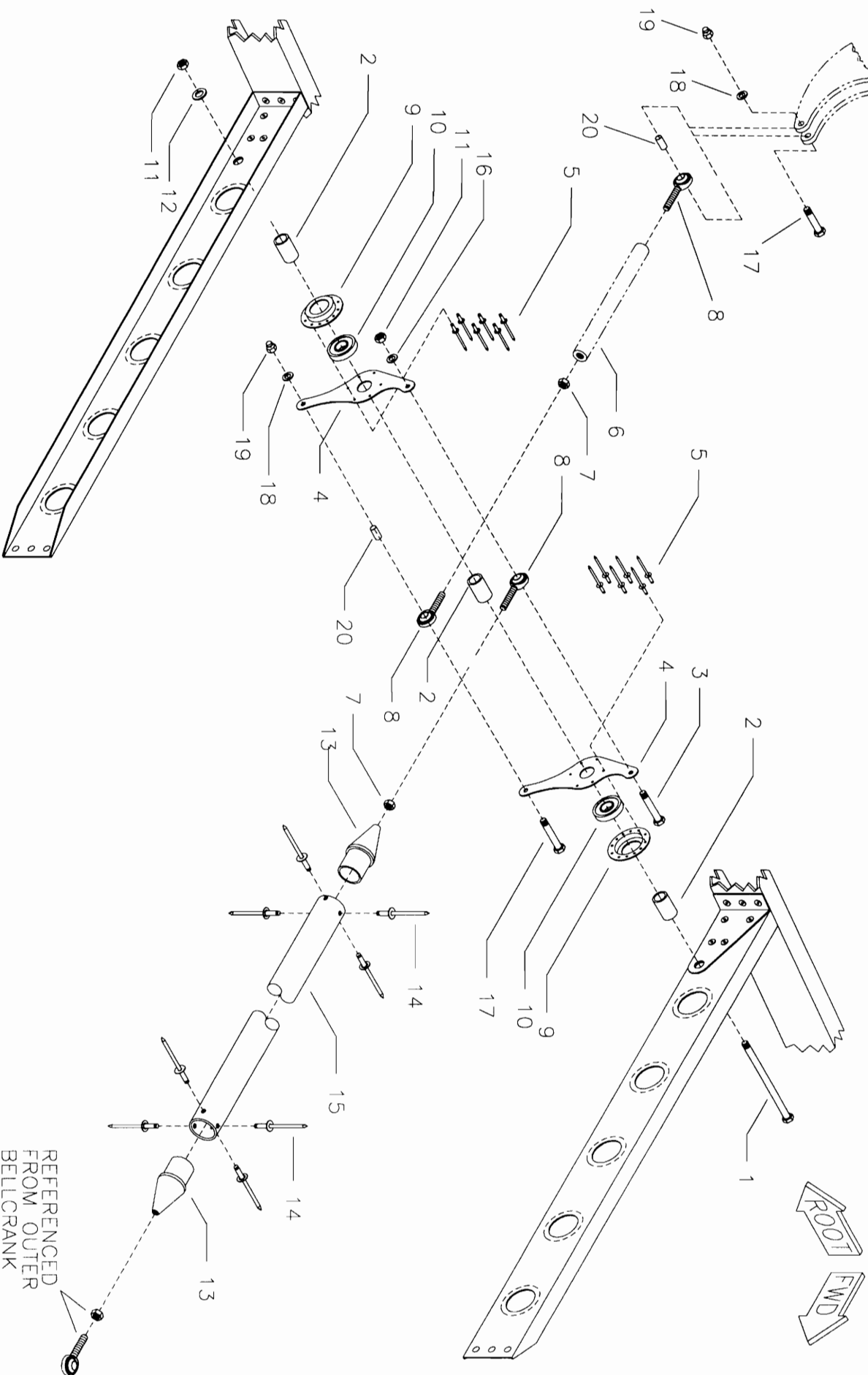
**RRP03 S-16 SHEKARI
AILERON - OUTER BELLCRANK ASSEMBLY**

S-16 SHEKARI - AILERON - OUTER BELLCRANK ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Shear Nut	AN364-1032A	8
2.	3/16" Thin Washer	AN960-10L	8
3.	1/8" Stainless Steel Rivet	CCPQ-44	24
4.	1/4" Shear Nut	AN364-428A	6
5.	3/16" Bolt	AN3-30A	8
6.	Top Outer Bellcrank Mount	KPCS0120	2
7.	Bearing Flange	BR-FLNG	4
8.	1/4" Bolt	AN4-7A	4
9.	Bearing	SR4APP	4
10.	Aileron Outer Bellcrank	KPCS0076	4
11.	Aluminum Bushing, 3/8" x .058 x approx. 0.53" *	KAAC0012-3	0
12.	Male Rod End, 1/4" x 1/4"	NM-4	6
13.	1/4" Plain Nut	AN345-416	6
14.	1/4" Bolt	AN4-33A	2
15.	Bottom Outer Bellcrank Mount	KPCS0119	2
16.	1/4" Thin Washer	AN960-416L	6
17.	Outer Bellcrank, Aileron Neutral Position Template	KPCS0124	1

*Builder must fabricate from raw stock.

AILERON HORN
REF. AILERON ASSEMBLY

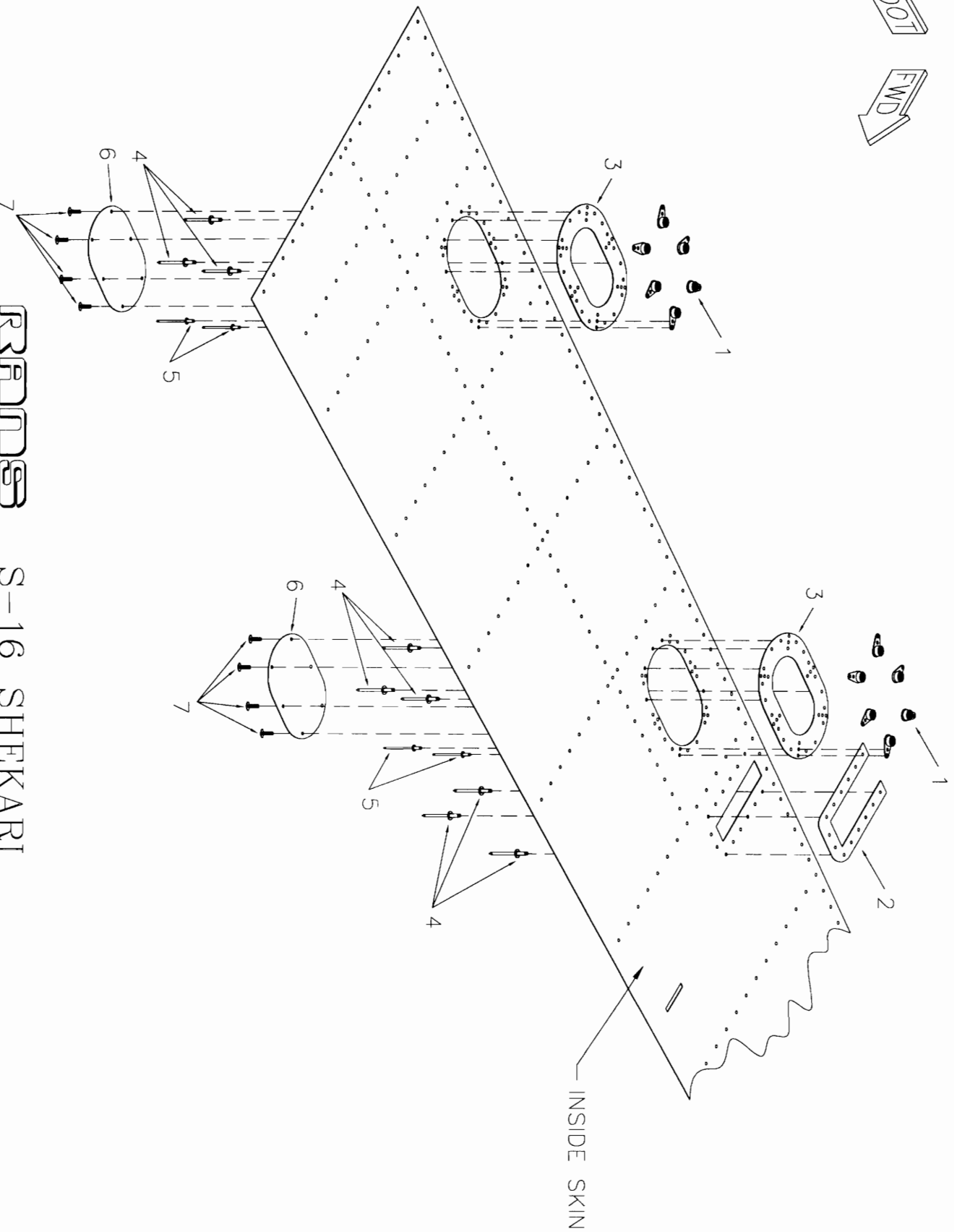
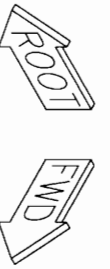


AILERON-AFT BELLCRANK ASSEMBLY

S-16 SHEKARI - AILERON - AFT BELLCRANK ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Bolt	AN4-26A	2
2.	Aluminum Bushing, 3/8" x .058 x approx. 0.53" *	KAAC0012-3	0
3.	1/4" Bolt	AN4-7A	2
4.	AFT Bellcrank	KPCS0079	4
5.	1/8" Stainless Steel Rivet	CCPQ-44	24
6.	Aileron Push Pull Tube - AFT	KPCS0083	2
7.	1/4" Plain Nut	AN345-416	4
8.	Male Rod End, 1/4" x 1/4"	NM-4	4
9.	Bearing Flange	BR-FLNG	4
10.	Bearing	SR4APP	4
11.	1/4" Shear Nut	AN364-428A	4
12.	1/4" Thick Washer	AN960-416	2
13.	Push Pull Tube End Fitting	KPCS0016	4
14.	1/8" Stainless Steel Rivet	CCPQ-42	16
15.	Aileron Push Pull Tube - FWD	KPCS0082	2
16.	1/4" Thin Washer	AN960-416L	2
17.	3/16" Bolt	AN3-7A	4
18.	3/16" Thin Washer	AN960-10L	4
19.	3/16" Shear Acorn Nut	22NKM02	4
20.	Aluminum Bushing, 1/4" x .028 x .38 *	KAAC0012-6	0

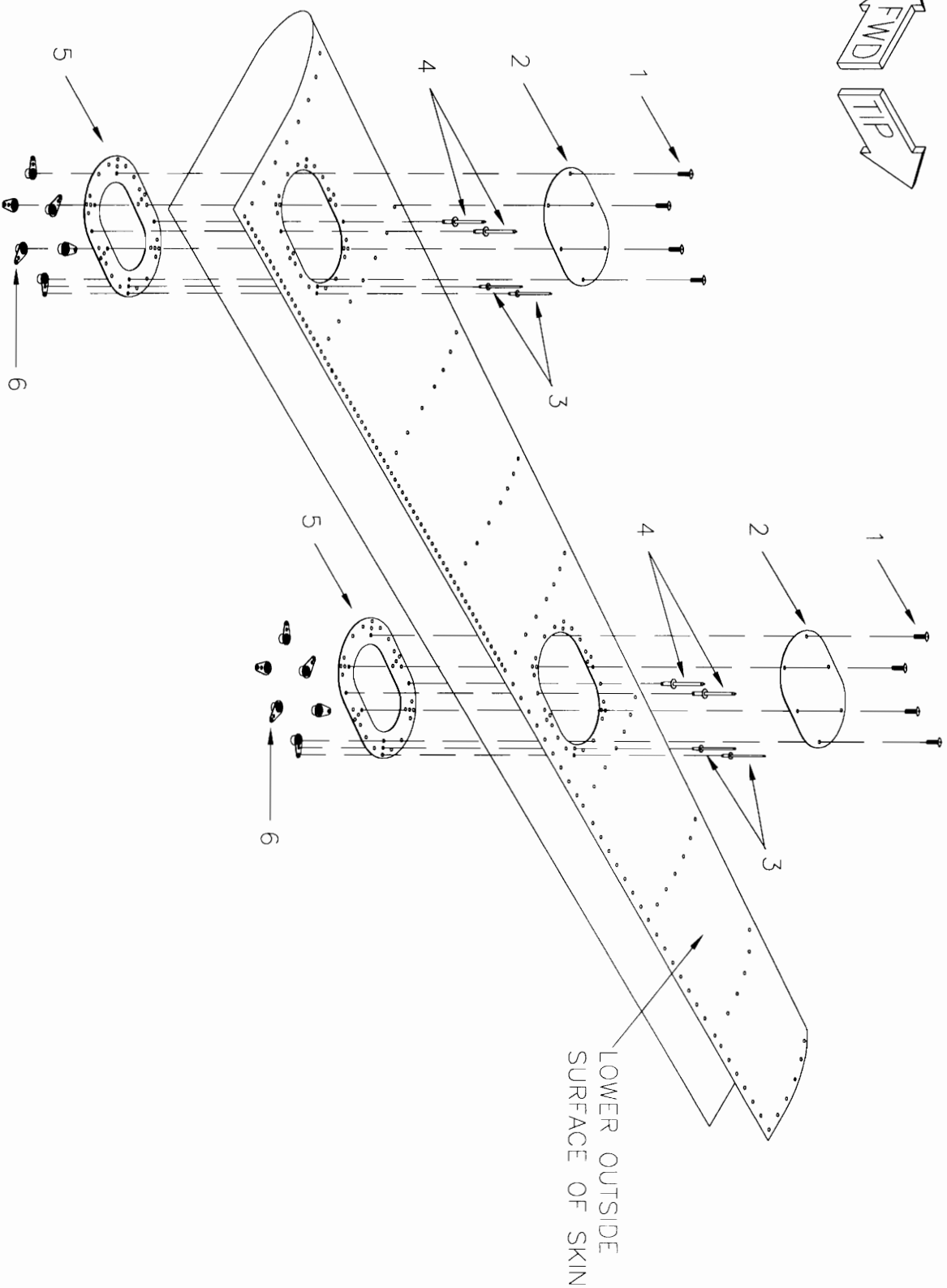
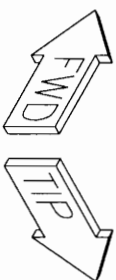
*Builder must fabricate from raw stock. Measure for exact length.



REF S-16 SHEKARI
AFT BOTTOM SKIN REINFORCEMENT RING ASSEMBLY

S-16 SHEKARI - AFT BOTTOM SKIN REINFORCEMENT RING ASSEMBLY

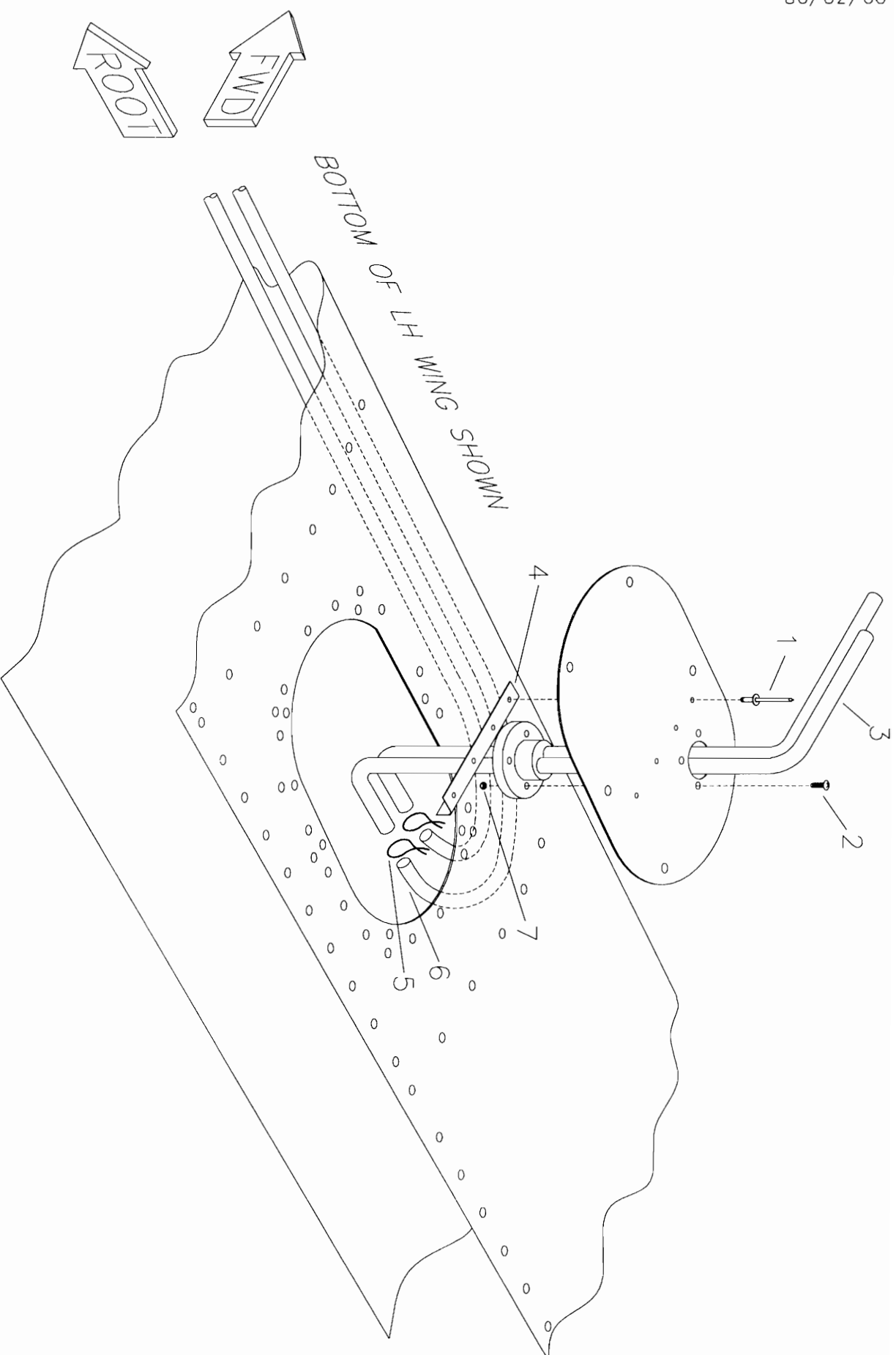
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	#8 Single Ear Nut Plate	MS21051-08	24
2.	Reinforcement Ring	KPWI0233	2
3.	Access Panel Ring	KPAC0115	4
4.	1/8" Aluminum Rivet	AAPQ-42	100
5.	3/32" Aluminum Rivet	40APR1/8	48
6.	Access Panel	KPAC0114	4
7.	#8 Trusshead Screw	AN526-832R6	24



FORWARD SKIN REINFORCEMENT RING ASSEMBLY

S-16 SHEKARI - FORWARD SKIN REINFORCEMENT RING ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	#8 Trusshead Screw	AN526-832R6	24
2.	Access Panel	KPAC0114	4
3.	3/32" Aluminum Rivet	40APR1/8	48
4.	1/8" Aluminum Rivet	AAPQ-42	72
5.	Access Panel Ring	KPAC0115	4
6.	#8 Single Ear Nut Plate	MS21051-08	24



REVISION S-16 SHEKARI
PITOT - STATIC MOUNT ASSEMBLY

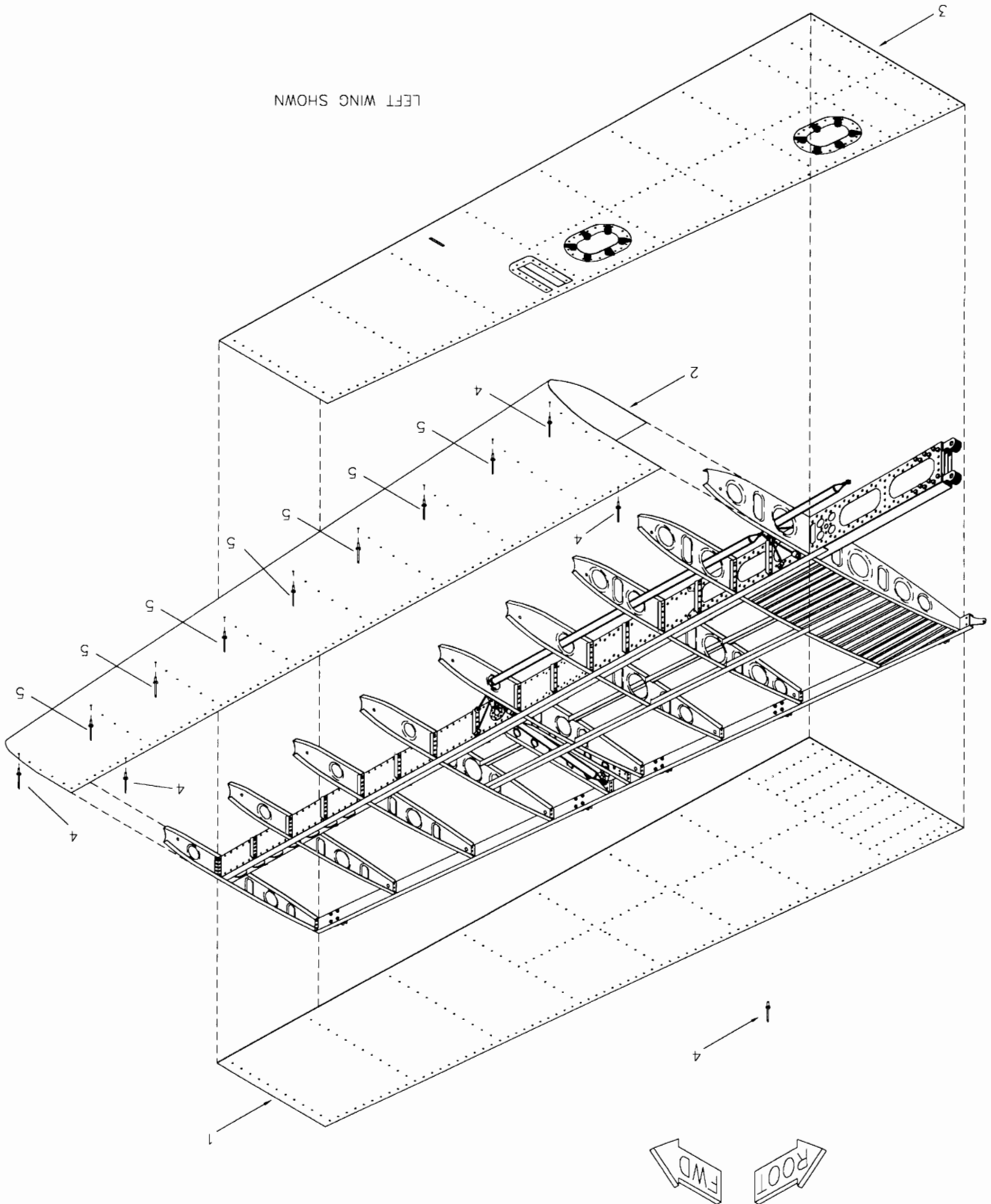
S-16 SHEKARI - PITOT-STATIC MOUNT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/32" Aluminum Rivet	40APR1/8	4
2.	Flat Head Machine Screw	6/32X3/4SCREW	4
3.	Pitot-Static Tube	KSPT0001	1
4.	Aluminum Strip, 3/4" x .020 x 3.75 *	KAAC0012-5	0
5.	Safety Wire	SAFETY WIRE	0
6.	1/4" Blue Fuel Line	FS-FL	17 ft
7.	6/32" Shear Nut	AN364-632	4

*Builder must fabricate from raw stock.

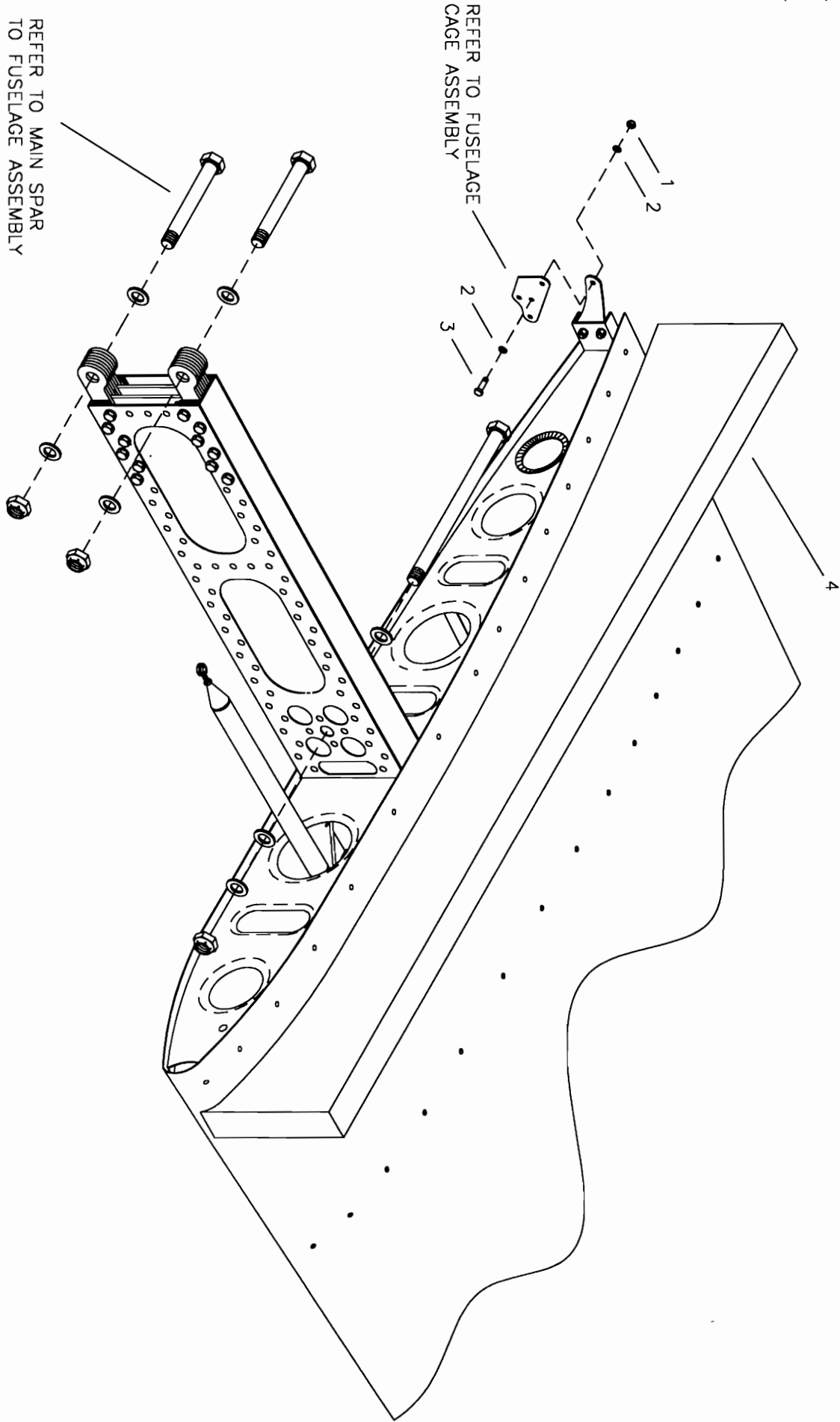
RPM S-16 SHEKARI WING SKIN ASSEMBLY

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S-16 SHEKARI - WING SKIN ASSEMBLY

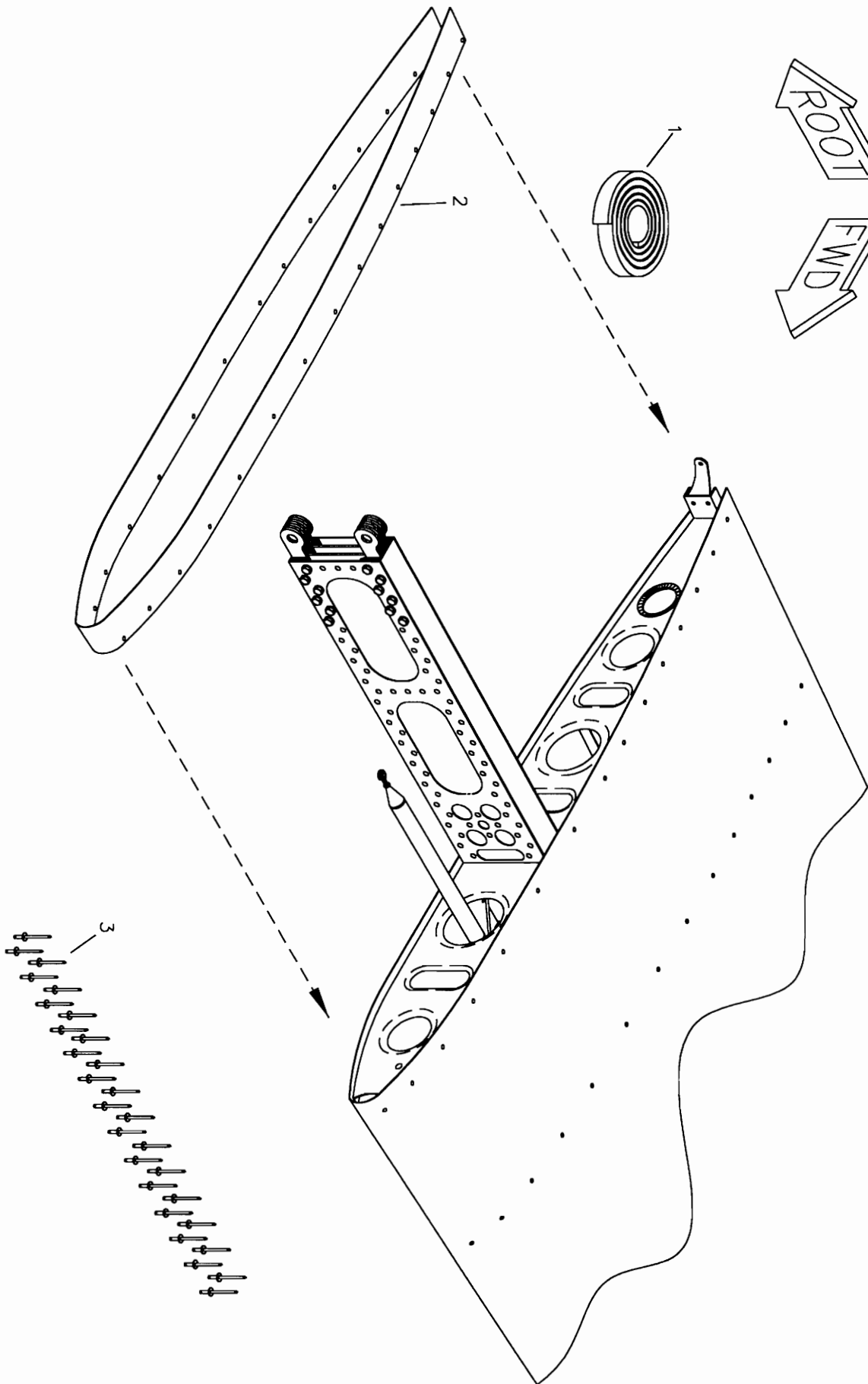
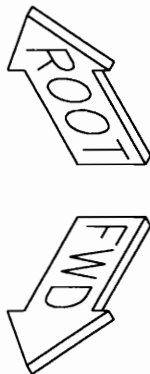
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	AFT Top Skin	KPWI0231	2
2.	Forward Skin - Left	KPWI0230-L	1
2.	Forward Skin - Right	KPWI0230-R	1
3.	AFT Bottom Skin	KPWI0232	2
4.	1/8" Aluminum Rivet	1691-0410	1,604
5.	1/8" Cherry Max Rivet	CR3213-41	176



REFUND S-16 SHEKARI
WING INSTALLATION

S-16 SHEKARI - WING INSTALLATION

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	5/16" Tensile Nut	AN365-524A	2
2.	5/16" Thick Washer	AN960-516	4
3.	5/16" Bolt	AN5-10A	2
4.	Wing Incidence Jig	KPWI0298	1



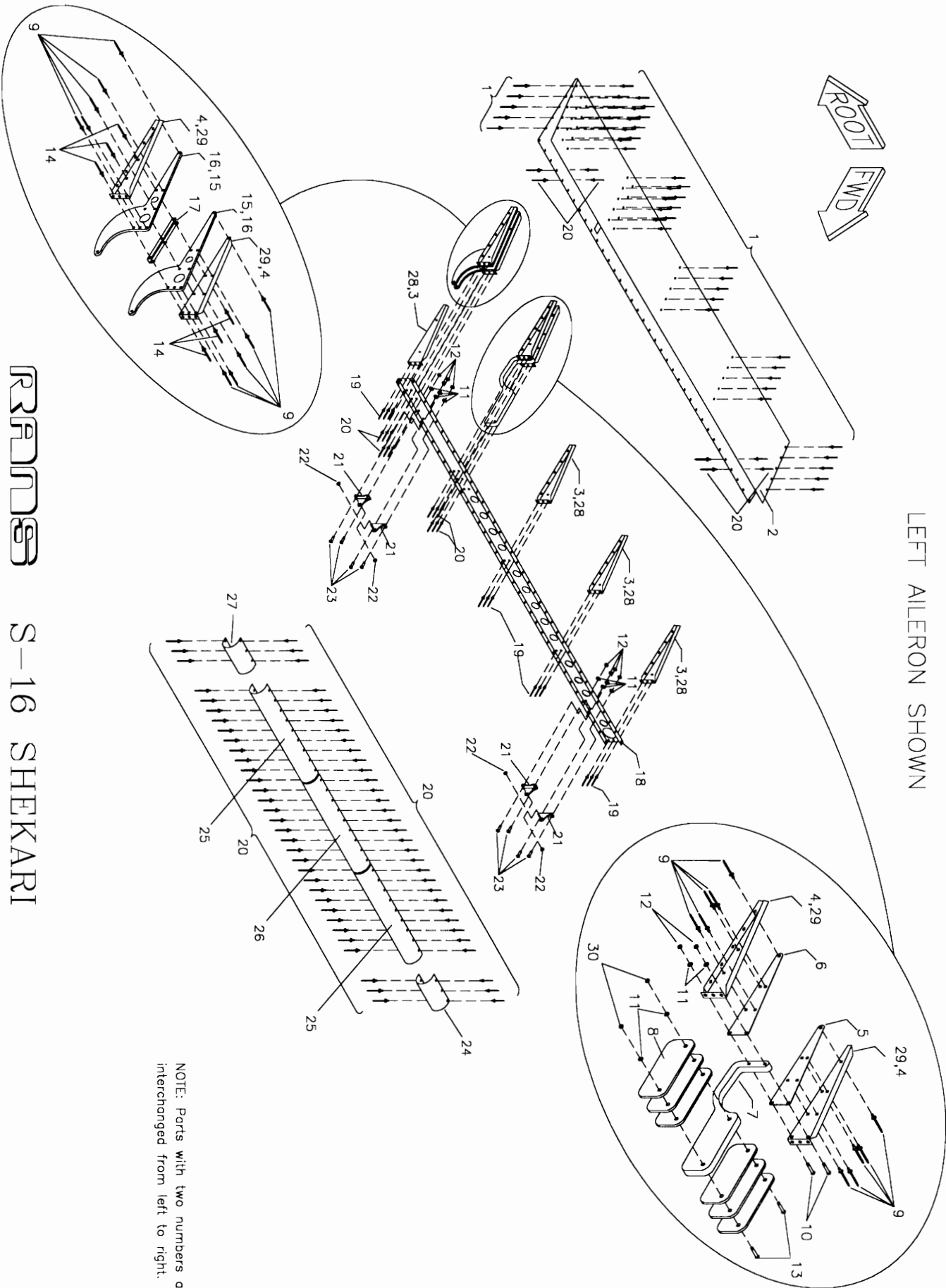
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S-16 SHEKARI
WING FILLET FAIRING ASSEMBLY

S-16 SHEKARI - WING FILLET FAIRING ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Rubber Trim	KSAC0010	14 ft
2.	Aluminum Strip, 5" x .020 x 84" *	KAAC0012-16	0
3.	1/8" Aluminum Rivet	1691-0410	56

*Builder must modify. Refer to text for instructions.

LEFTAILERON SHOWN



RRRND S-16 SHEKARI
AILERON ASSEMBLY

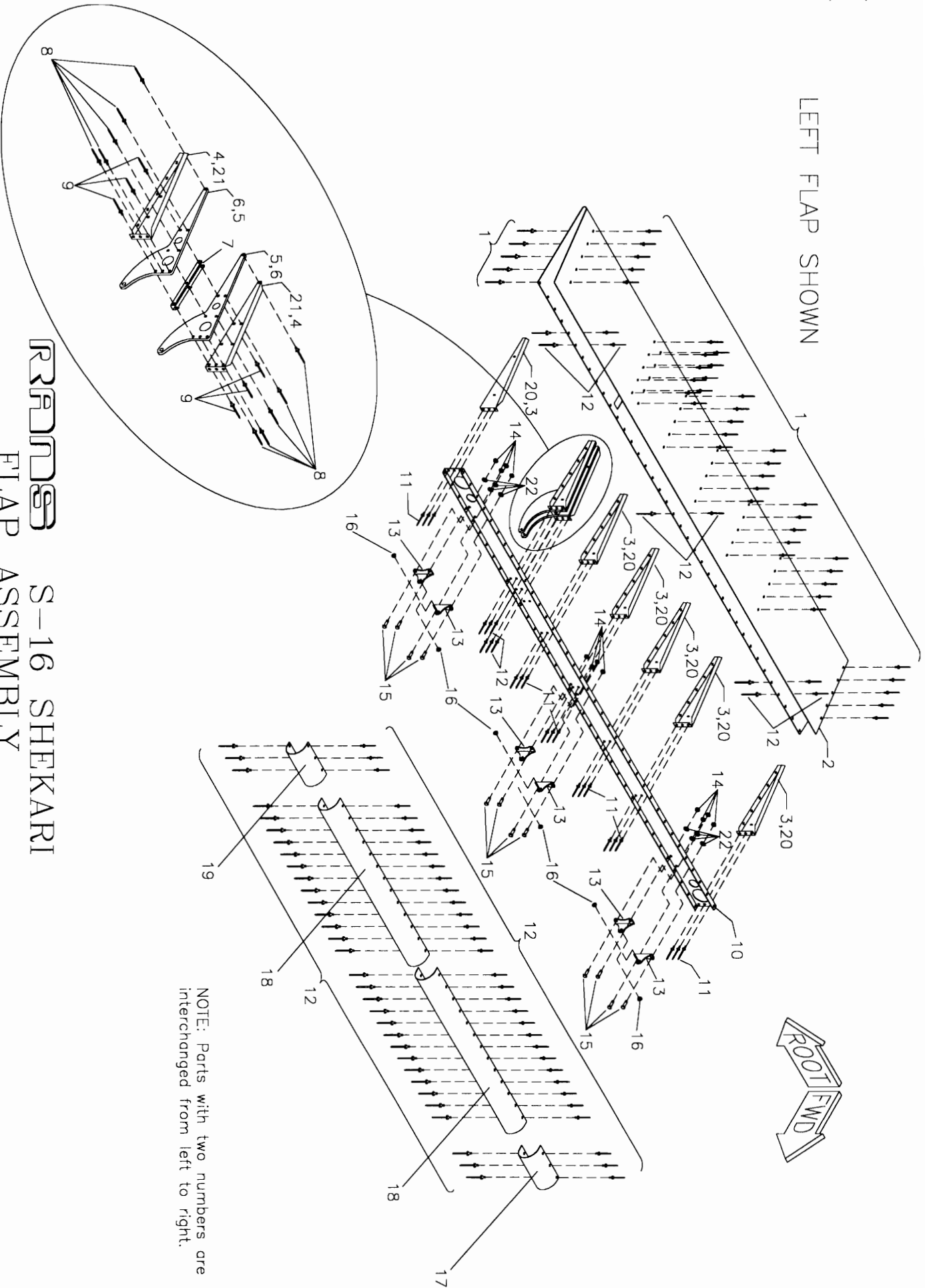
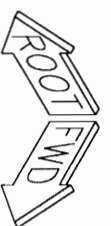
NOTE: Parts with two numbers are
interchanged from left to right.

S-16 SHEKARI - AILERON ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Rivet	1691-0410	160
2.	Aileron Skin, LH	KPAL0017-L	1
2.	Aileron Skin, RH	KPAL0017-R	1
3.	Aileron/Flap Rib - A	KPAL0021	4
4.	Horn Reinforcement Rib - Right	KPAL0028	4
5.	Outer Mount Plate, Static Balance Arm	KPAL0027	2
6.	Inner Mount Plate, Static Balance Arm	KPAL0026	2
7.	Static Balance Arm	KPAL0030	2
8.	Aileron Mass Balance, Lead Plate 12" x 24" x 1/8" *	KAAC0012-17	0
9.	1/8" Stainless Steel Rivet	CCPQ-42	40
10.	3/16" Bolt	AN3-10A	4
11.	3/16" Thin Washer	AN960-10L	24
12.	3/16" Shear Nut	AN364-1032A	20
13.	3/16" Bolt	AN3-14A	4
14.	1/8" Stainless Steel Rivet	CCPQ-44	12
15.	Aileron Horn, Outer	KPAL0031	2
16.	Aileron Horn, Inner	KPAL0029	2
17.	Aileron/Flap Channel, LH	KPAL0033-L	1
17.	Aileron/Flap Channel, RH	KPAL0033-R	1
18.	Aileron Spar	KPAL0016	2
19.	1/8" Aluminum Rivet	AAPQ-41	24
20.	1/8" Aluminum Rivet	AAPQ-42	172
21.	Flap/Aileron Hinge	KPFL0026	8
22.	Flange Bushing	KSAC0019-3	8
23.	3/16" Bolt	AN3-4A	16
24.	Aileron Leading Edge Wrap #1	KPAL0018	2
25.	Aileron Leading Edge Wrap #2	KPAL0025	4
26.	Aileron Leading Edge Wrap #4	KPAL0034	2
27.	Aileron Leading Edge Wrap #3	KPAL0020	2
28.	Aileron/Flap Rib - B	KPAL0043	4
29.	Horn Reinforcement Rib - Left	KPAL0042	4
30.	3/16" Shear Acorn Nut	22NKM02	4

*Builder must fabricate from raw stock.

LEFT FLAP SHOWN



S-16 SHEKARI
FLAP ASSEMBLY

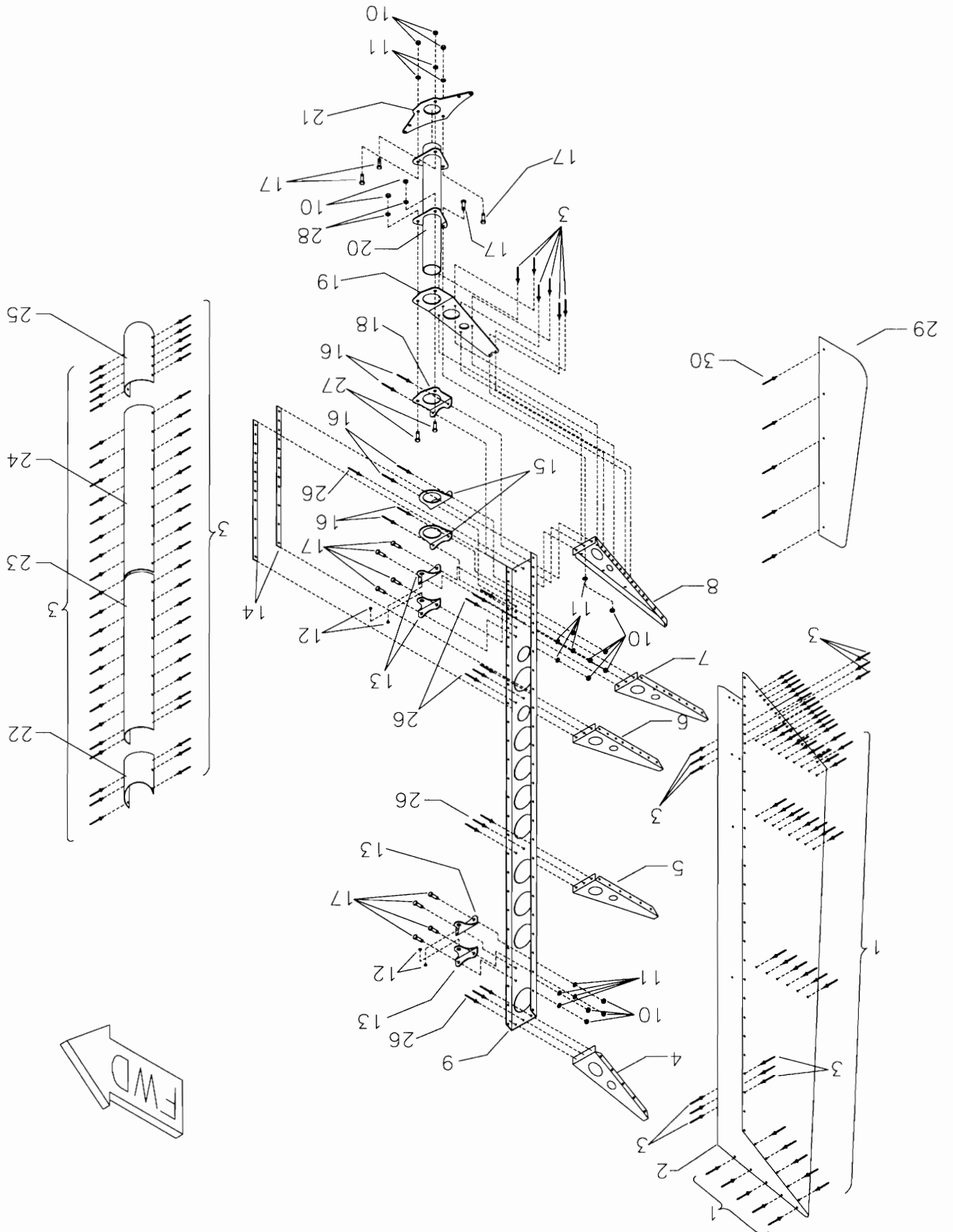
NOTE: Parts with two numbers are
interchanged from left to right.

S-16 SHEKARI - FLAP ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Rivet	1691-0410	160
2.	Flap Skin, LH	KPFL0035-L	1
2.	Flap Skin, RH	KPFL0035-R	1
3.	Aileron/Flap Rib - A	KPAL0021	6
4.	Horn Reinforcement Rib - Right	KPAL0028	2
5.	Flap Horn - Outer	KPFL0033	2
6.	Flap Horn - Inner	KPFL0032	2
7.	Aileron/Flap Channel, LH	KPAL0033-L	1
7.	Aileron/Flap Channel, RH	KPAL0033-R	1
8.	1/8" Stainless Steel Rivet	CCPQ-42	20
9.	1/8" Stainless Steel Rivet	CCPQ-44	12
10.	Flap Spar	KPFL0034	2
11.	1/8" Aluminum Rivet	AAPQ-41	36
12.	1/8" Aluminum Rivet	AAPQ-42	160
13.	Flap/Aileron Hinge	KPFL0026	12
14.	3/16" Shear Nut	AN364-1032A	24
15.	3/16" Bolt	AN3-4A	24
16.	Flange Bushing	KSAC0019-3	12
17.	Flap Leading Edge Wrap #1	KPFL0059	2
18.	Flap Leading Edge Wrap #2	KPFL0060	4
19.	Flap Leading Edge Wrap #3	KPFL0037	2
20.	Aileron/Flap Rib - B	KPAL0043	6
21.	Horn Reinforcement Rib - Left	KPAL0042	2
22.	3/16" Thin Washer	AN960-10L	24

RMS S-16 SHEKARI RUDDER ASSEMBLY

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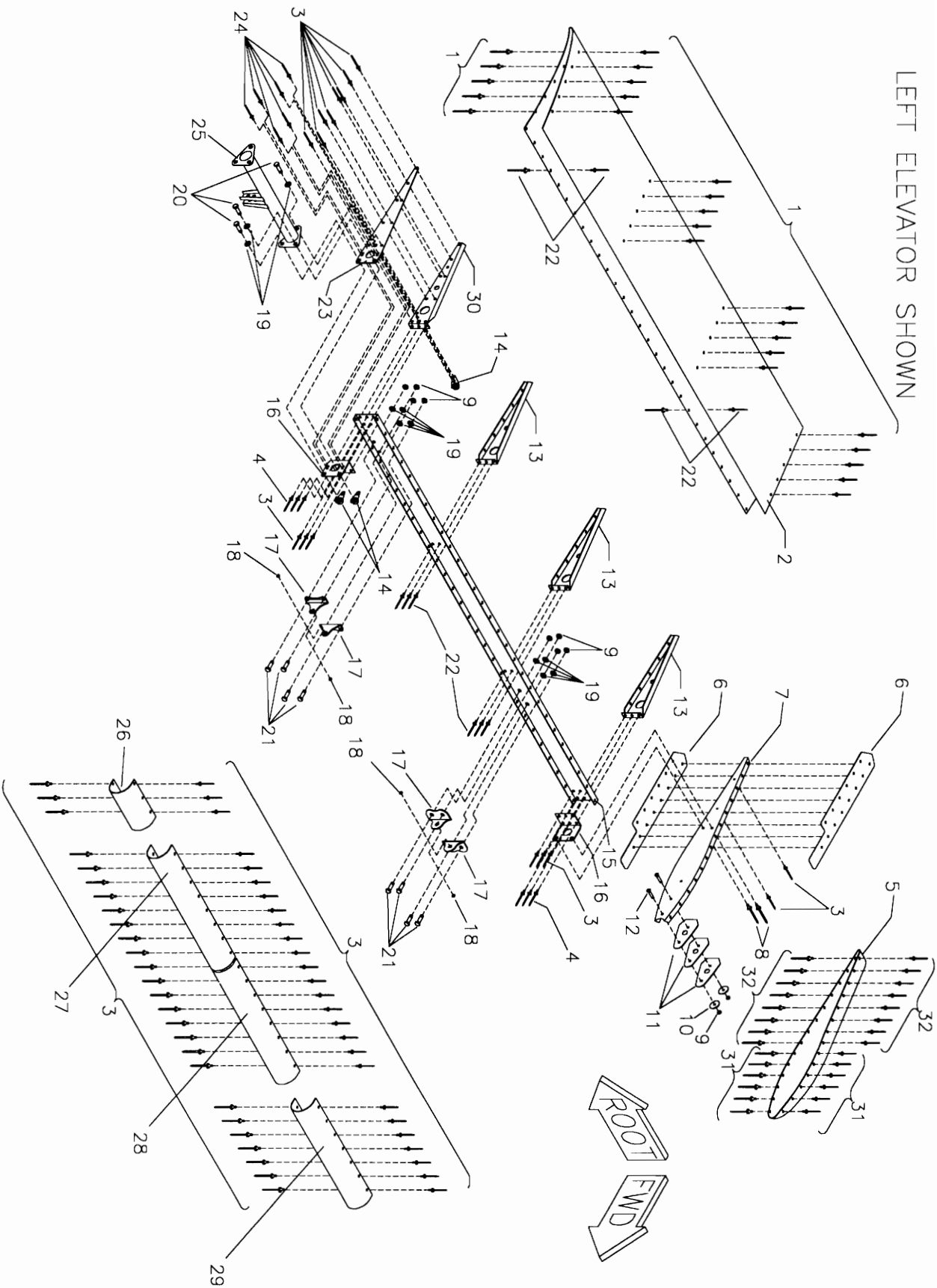


S-16 SHEKARI - RUDDER ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Rivet	1691-0410	90
2.	Rudder Skin	KPRD0018	1
3.	1/8" Aluminum Rivet	AAPQ-42	70
4.	Rudder - Rib #4	KPRD0024	1
5.	Rudder - Rib #3	KPRD0023	1
6.	Rudder - Rib #2	KPRD0022	1
7.	Rudder Rib #1A	KPRD0038	1
8.	Rudder - Rib #1	KPRD0021	1
9.	Rudder Spar	KPRD0020	1
10.	3/16" Shear Nut	AN364-1032A	14
11.	3/16" Thin Washer	AN960-10L	12
12.	Flange Bushing	KSAC0019-3	4
13.	Rudder Hinge	KPRD0025	4
14.	Spar Doubler	KPRD0045	2
15.	Rudder Torque Tube Reinforcement Angle	KPRD0033	2
16.	1/8" Stainless Steel Rivet	CCPQ-44	6
17.	3/16" Bolt	AN3-4A	12
18.	Rudder Torque Tube Attach Backing Plate	KPRD0034	1
19.	Rudder Torque Tube Attach Plate	KPRD0026	1
20.	Rudder Torque Tube	KPRD0027	1
21.	Rudder Horn	KPRD0037	1
22.	Rudder Leading Edge Wrap #1	KPRD0028	1
23.	Rudder Leading Edge Wrap #2	KPRD0029	1
24.	Rudder Leading Edge Wrap #3	KPRD0030	1
25.	Rudder Leading Edge Wrap #4	KPRD0031	1
26.	1/8" Aluminum Rivet	AAPQ-41	13
27.	3/16" Bolt	AN3-5A	2
28.	3/16" Thick Washer	AN960-10	2
29.	Aluminum Strip, 4 1/4" x .020 x 13 1/4" *	KAAC0012-19	0
30.	1/8" Stainless Steel Rivet	CCPQ-41	5

*Builder must fabricate from raw stock.

LEFT ELEVATOR SHOWN

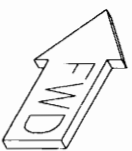


RAMS S-16 SHEKARI
ELEVATOR ASSEMBLY

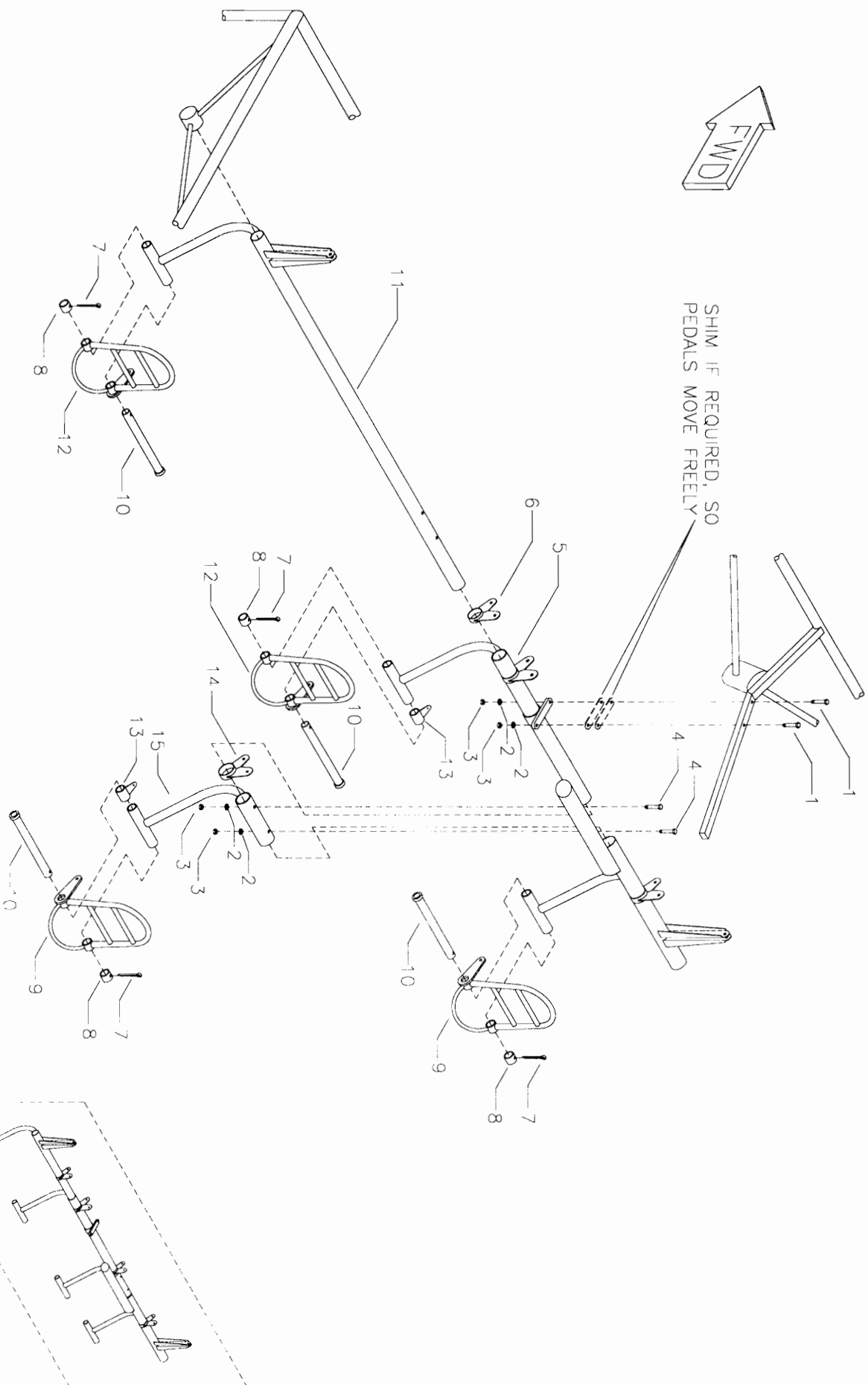
S-16 SHEKARI - ELEVATOR ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Rivet	1691-0410	80
2.	Elevator Skin	KPEL0009	2
3.	1/8" Aluminum Rivet	AAPQ-42	136
4.	1/8" Aluminum Rivet	AAPQ-44	12
5.	Elevator Tip	KPEL0026	2
6.	Elevator Tip Strip, 1 5/8" x .020 x 11 5/8" *	KAAC0012-1	0
7.	Elevator Tip Rib	KPEL0021	2
8.	3/16" Aluminum Rivet	AAPQ-62	4
9.	3/16" Shear Nut	AN364-1032A	20
10.	3/16" Large Washer	AN970-3	4
11.	Elevator Mass Balance, Lead Plate 12" x 24" x 1/8" *	KAAC0012-17	0
12.	3/16" Countersunk Machine Bolt	AN509-1032R14	4
13.	Elevator Rib	KPEL0025	6
14.	3/16" Single Ear Nut Plate	MS21051-L3	6
15.	Elevator Spar	KPEL0011	2
16.	Elevator Horn Attach Backing Plate	KPEL0006	4
17.	Elevator Hinge	KPEL0008	8
18.	Flange Bushing	KSAC0019-3	8
19.	3/16" Thin Washer	AN960-10L	22
20.	3/16" Bolt	AN3-5A	6
21.	3/16" Bolt	AN3-4A	16
22.	1/8" Aluminum Rivet	AAPQ-41	20
23.	Elevator Torque Tube Attach Plate	KPEL0007	2
24.	3/32" Aluminum Rivet	40APR1/4	12
25.	Elevator Torque Tube & Horn	KPEL0014	1
26.	Elevator Leading Edge Wrap #1	KPEL0016	2
27.	Elevator Leading Edge Wrap #2	KPEL0017	2
28.	Elevator Leading Edge Wrap #3	KPEL0023	2
29.	Elevator Leading Edge Wrap #4	KPEL0018	2
30.	Elevator Root Rib	KPEL0010	2
31.	1/8" Aluminum Flush Rivet	AACQ-42	24
32.	1/8" Aluminum Flush Rivet	AACQ-43	32

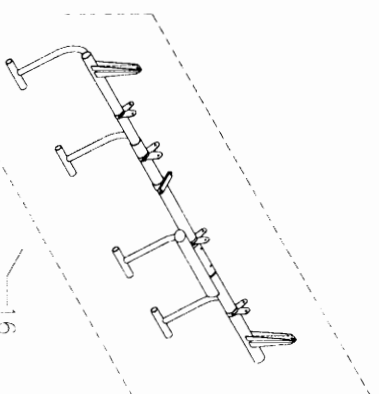
*Builder must fabricate from raw stock.



SHIM IF REQUIRED, SO
PEDALS MOVE FREELY



RUDDER PEDAL S-16 SHIKARI RUDDER PEDAL INSTALLATION



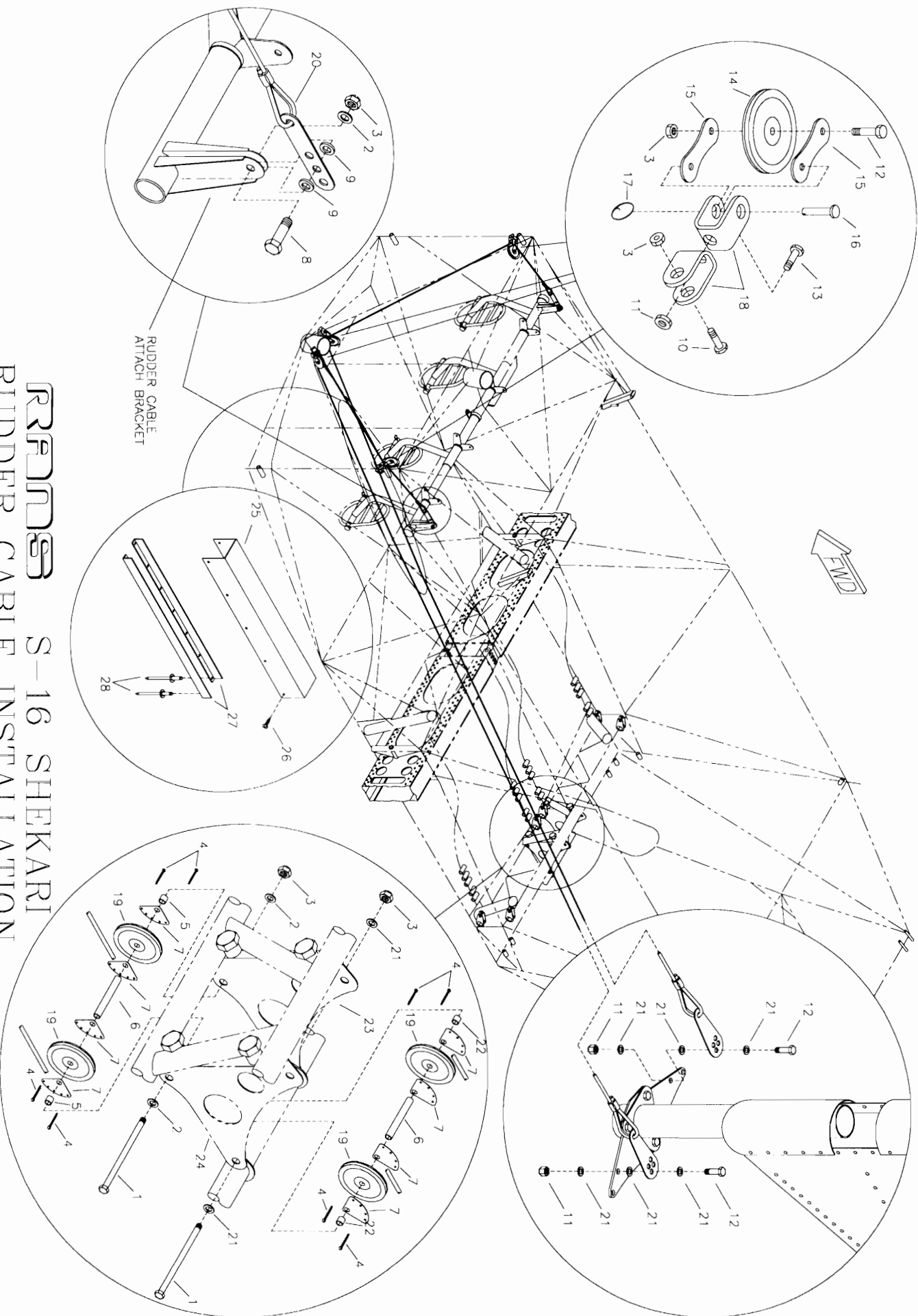
S-16 SHEKARI - RUDDER PEDAL INSTALLATION

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-10A	2
2.	3/16" Thin Washer	AN960-10L	4
3.	3/16" Shear Nut	AN364-1032A	4
4.	3/16" Bolt	AN3-12A	2
5.	Rudder Pedal Torque Tube - RH **	KARD0009	0
6.	Brake Cylinder Bellcrank **	KPBS0024	0
7.	Large Cotter Pin	MS24665-285	4
8.	Aluminum Bushing, 5/8" x .058 x 3/8" *	KAAC0012-10	0
9.	Rudder Pedal - RH	KPRD0039-R	2
10.	Rudder Pedal Pin	KPRD0043	4
11.	Rudder Pedal Torque Tube - LH **	KARD0008	0
12.	Rudder Pedal - LH	KPRD0039-L	2
13.	Linkage Swivel Bushing	KPBS0026	2
14.	Brake Cylinder Bellcrank **	KPBS0023	0
15.	Inner Rudder Pedal J Tube - RH **	KACS0020	0
16.	Rudder Pedal Torque Tube Assembly	KARD0011	1

*Builder must fabricate from raw stock.

**Supplied with Rudder Pedal Torque Tube Assembly - KARD0011.

RUDDER CABLE S-16 SHEKARI RUDDER CABLE INSTALLATION

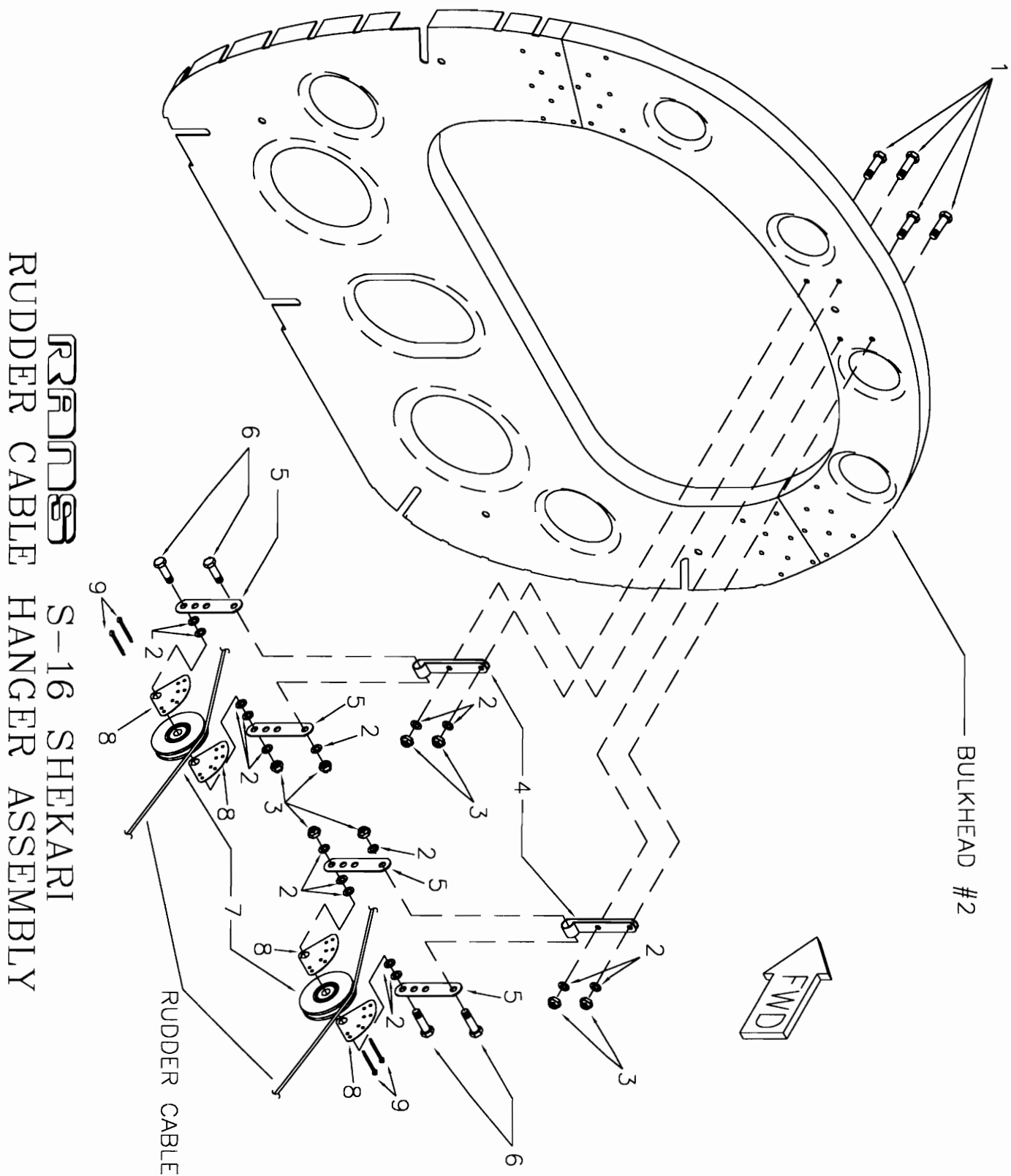


S-16 SHEKARI - RUDDER CABLE INSTALLATION

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-30A	2
2.	3/16" Thin Washer	AN960-10L	8
3.	3/16" Shear Nut	AN364-1032A	11
4.	Small Cotter Pin	MS24665-134	8
5.	Aluminum Bushing, 1/4" x .028 x .30 *	KAAC0012-6	0
6.	Aluminum Bushing, 1/4" x .028 x 1.125 *	KAAC0012-6	0
7.	Small Pulley Cable Keeper	SP-CK	8
8.	3/16" Bolt	AN3-5A	2
9.	3/16" Plastic Washer	PW-3	4
10.	3/16" Bolt	AN3-7A	4
11.	3/16" Tensile Nut	AN365-1032A	6
12.	3/16" Bolt	AN3-6A	6
13.	3/16" Bolt	AN3-3A	4
14.	Pulley	AN210-2A	4
15.	Hummertang	T12-HT6	8
16.	Clevis Pin	MS20392-2C17	4
17.	Loc Ring	RL 27 1/4	4
18.	Shackle	RL-205-T	8
19.	Small Pulley	AN210-1A	4
20.	Rudder Cable	KACS0022	2
21.	3/16" Thick Washer	AN960-10	8
22.	Aluminum Bushing, 1/4" x .028 x 3/16" *	KAAC0012-6	0
23.	Bell Crank Brace - Fuselage - RH	KPFU0174-R	1
24.	Bell Crank Brace - Fuselage - LH	KPFU0174-L	1
25.	Rudder Cable Cover	KPFU0282	1
26.	#6 Small Pan Head Screw	6RX1/2 PHS	10
27.	Attach Angle **	KPFU0283	1
28.	1/8" Aluminum Flush Rivet	AACQ-42	14

*Builder must fabricate from raw stock.

**Builder must modify. Refer to text for instructions.



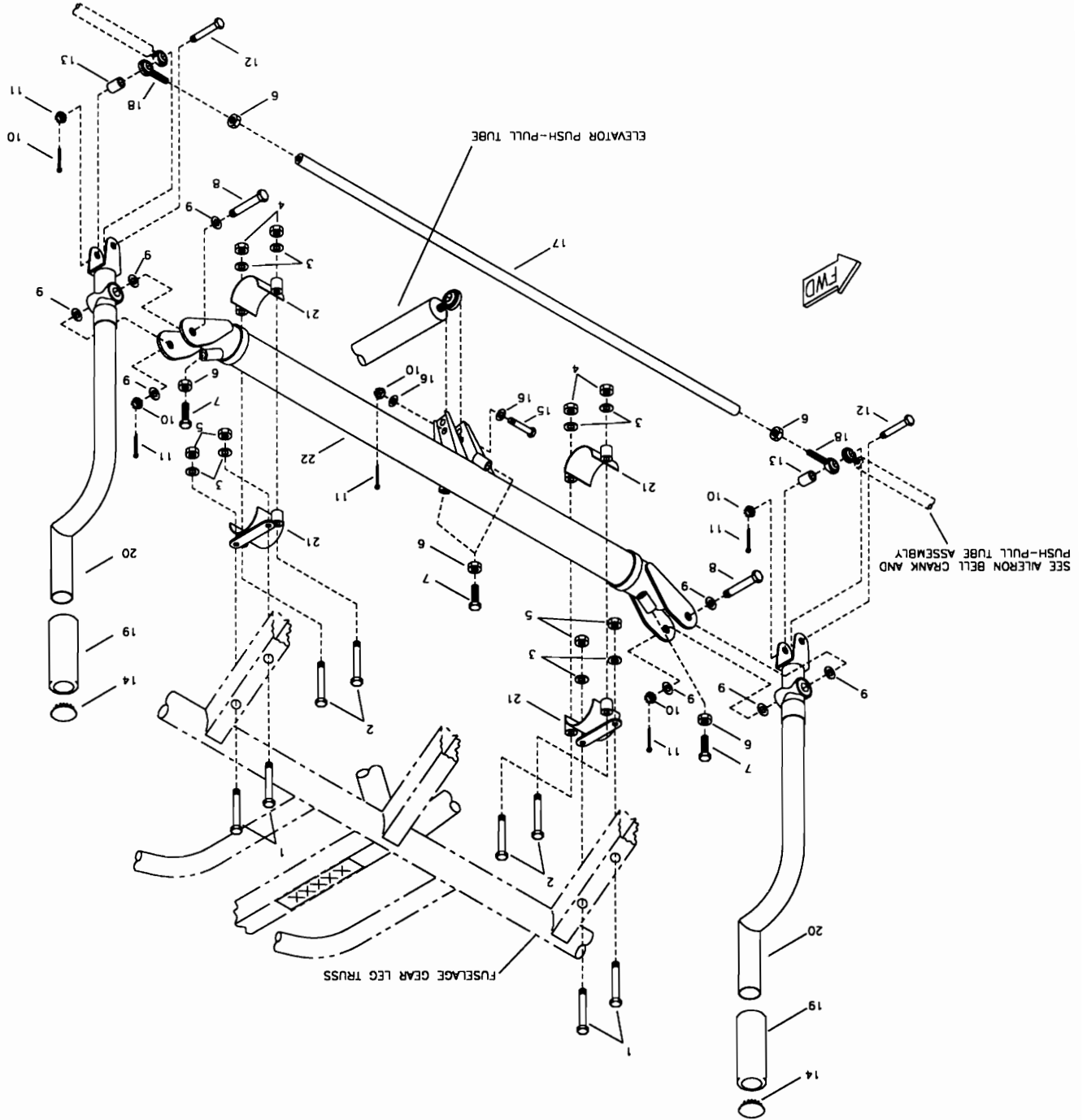
RUDDER CABLE HANGER ASSEMBLY
S-16 SHEKARI

S-16 SHEKARI - RUDDER CABLE HANGERS

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-4A	4
2.	3/16" Thin Washer	AN960-10L	16
3.	3/16" Shear Nut	AN364-1032A	8
4.	Jib Strap	RL-318	2
5.	Multihole Tang	ST-16	4
6.	3/16" Bolt	AN3-7A	4
7.	Pulley	AN210-2A	2
8.	Small Pulley Cable Keeper	SP-CK	4
9.	Small Cotter Pin	MS24665-134	4

RMS S-16 SHEKARI CONTROL STICK ASSEMBLY

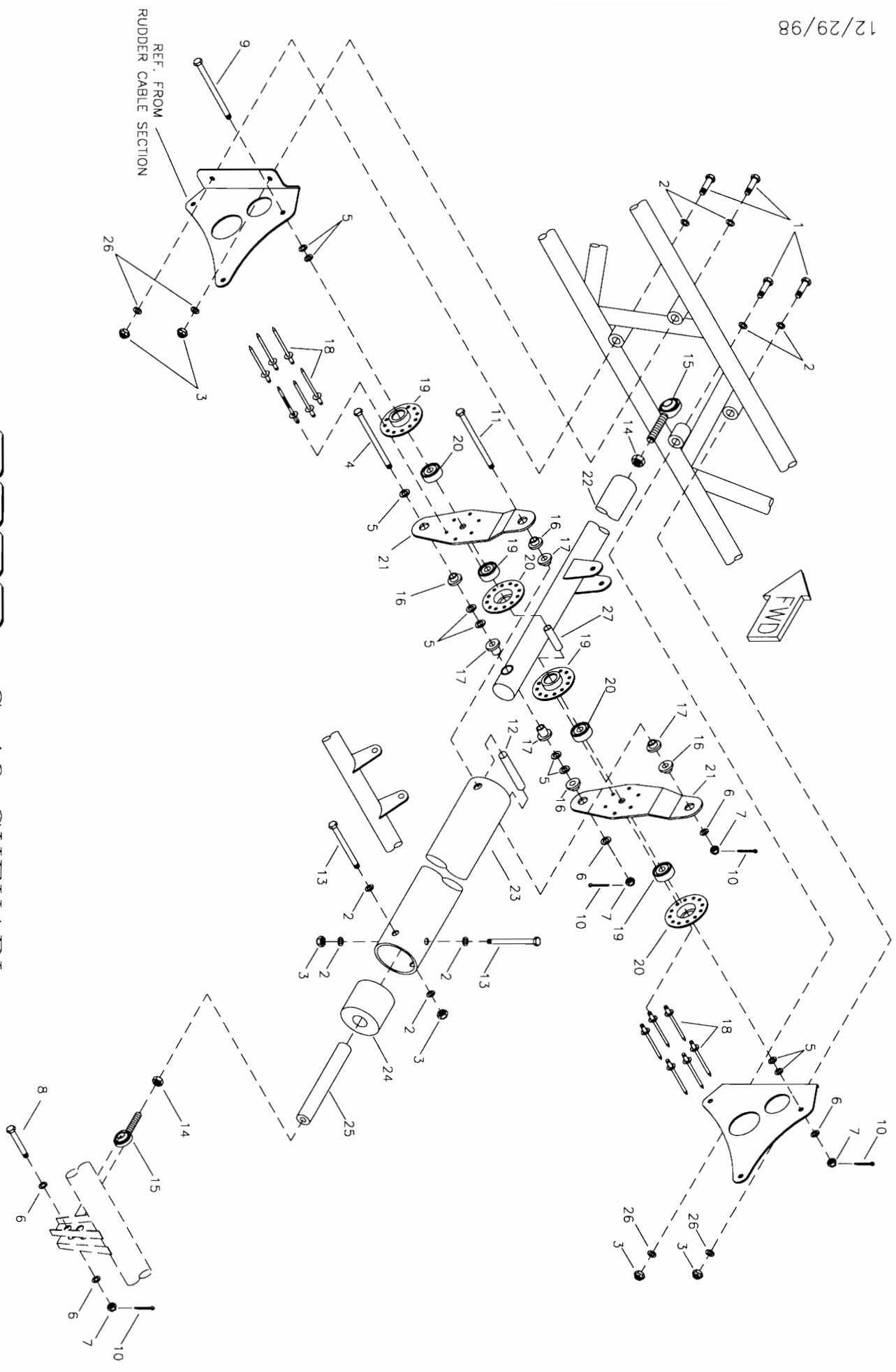
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S-16 SHEKARI - CONTROL STICK ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-12A	4
2.	3/16" Bolt	AN3-13A	4
3.	3/16" Thin Washer	AN960-10L	8
4.	3/16" Shear Nut	AN364-1032A	4
5.	3/16" Tensile Nut	AN365-1032A	4
6.	1/4" Plain Nut	AN345-416	6
7.	1/4" Plain Bolt	1/4X1 BOLT	4
8.	1/4" Bolt	AN4-20	2
9.	1/4" Thick Washer	AN960-416	8
10.	1/4" Castle Nut	AN310-4	5
11.	Small Cotter Pin	MS24665-134	5
12.	1/4" Bolt	AN4-15	2
13.	Aluminum Bushing, 3/8" x .058 x .30 *	KAAC0012-3	0
14.	7/8" End Cap	CS-EC	2
15.	1/4" Bolt	AN4-7	1
16.	1/4" Thin Washer	AN960-416L	2
17.	Stick Interconnect Push Rod	KPCS0132	1
18.	Male Rod End, 1/4" x 1/4"	NM-4	2
19.	Control Stick Grip	CS-G	2
20.	Control Stick	KPCS0129	2
21.	Pillow Block	KPCS0130	2
22.	Control Stick Torque Tube	KPCS0128	1

*Builder must fabricate from raw stock.



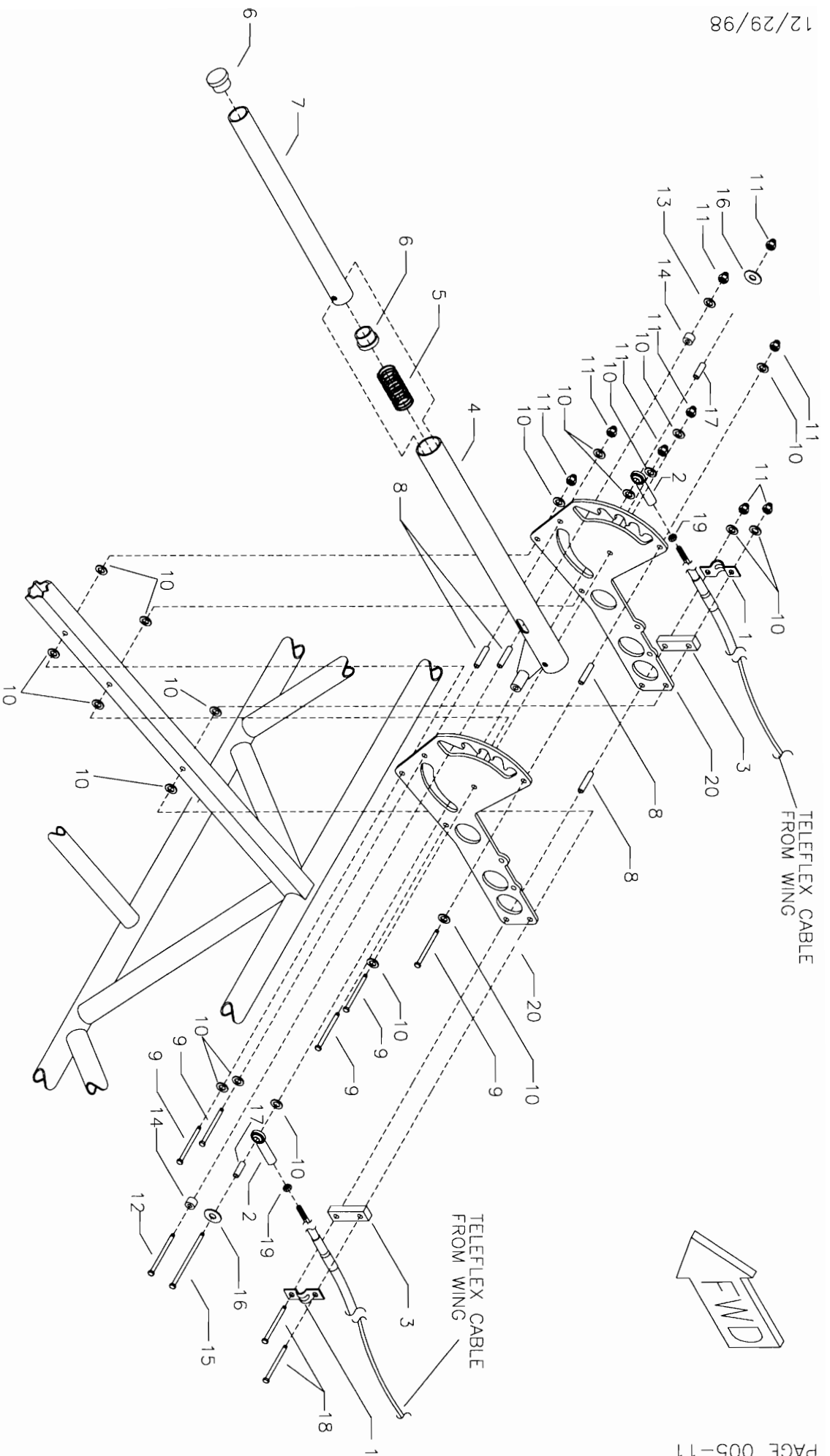
RRR-RRR S-16 SHEKARI
ELEVATOR PUSH PULL TUBE & BELLCRANK ASSEMBLY

S-16 SHEKARI - ELEVATOR PUSH PULL TUBE & BELLCRANK ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-13A	4
2.	3/16" Thin Washer	AN960-10L	8
3.	3/16" Shear Nut	AN364-1032A	6
4.	1/4" Bolt	AN4-17	1
5.	1/4" Thick Washer	AN960-416	9
6.	1/4" Thin Washer	AN960-416L	6
7.	1/4" Castle Nut	AN310-4	4
8.	1/4" Bolt	AN4-7	1
9.	1/4" Bolt	AN4-27	1
10.	Small Cotter Pin	MS24665-134	4
11.	1/4" Bolt	AN4-22	1
12.	Aluminum Bushing, 1/2" x .058 x approx. 1.37" *	KAAC0012-8	0
13.	3/16" Bolt	AN3-17A	2
14.	1/4" Plain Nut	AN345-416	2
15.	Male Rod End, 1/4" x 1/4"	NM-4	2
16.	Flange Bushing **	KSAC0019-8	4
17.	Flange Bushing	KSAC0019-10	4
18.	1/8" Stainless Steel Rivet	CCPQ-44	12
19.	Bearing Flange	BR-FLNG	4
20.	Bearing	SR4APP	4
21.	Elevator Bellcrank	KPCS0046	2
22.	Elevator Push Pull Tube - 7/8"	KPCS0125	1
23.	Elevator Push Pull Tube	KPCS0053	1
24.	Push Pull Tube Plug	KPCS0126	1
25.	Push Pull Tube Extension	KPCS0127	1
26.	3/16" Thick Washer	AN960-10	4
27.	Aluminum Bushing, 3/8" x .058 x 3/4" *	KAAC0012-3	0

*Builder must fabricate from raw stock. Builder cuts to fit.

**Builder must modify. Refer to text for instructions.



FLAP LEVER ASSEMBLY

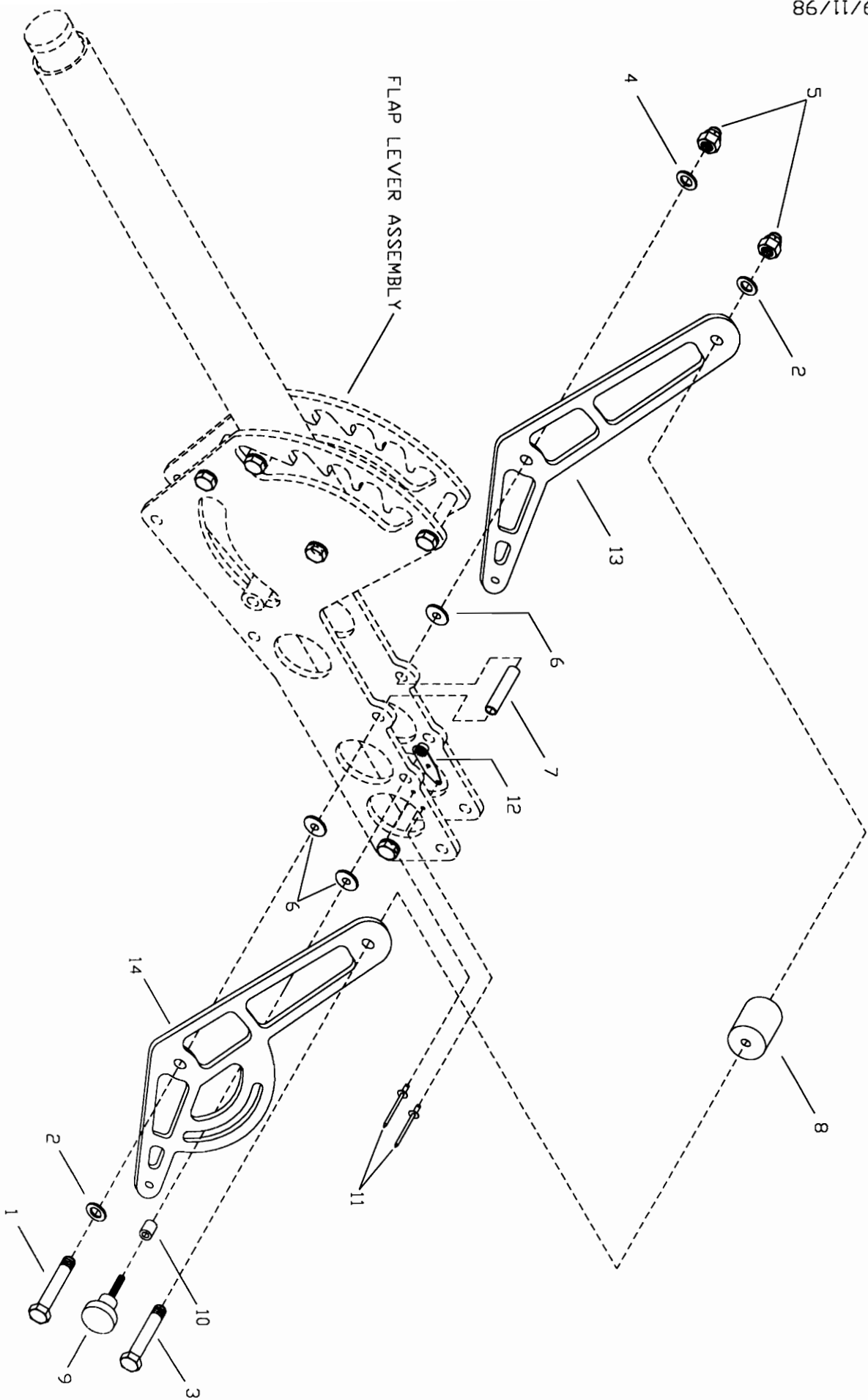
S-16 SHEKARI

S-16 SHEKARI - FLAP LEVER ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	40 Series Teleflex Retainer Bracket	KSCS0011	2
2.	1/4" Female Rod End Bearing	KSCS0012	2
3.	Teleflex Cable Standoff	KPFL0067	2
4.	Flap Lever	KPFL0041	1
5.	Spring	C-21	1
6.	3/4" End Cap	3/4 ENDCAP	2
7.	Flap Trip Release Tube	KPFL0040	1
8.	Aluminum Bushing, 1/4" x .028 x 7/8" *	KAAC0012-6	0
9.	3/16" Bolt	AN3-13A	5
10.	3/16" Thick Washer	AN960-10	19
11.	3/16" Shear Acorn Nut	22NKM02	9
12.	3/16" Bolt	AN3-15A	1
13.	3/16" Thin Washer	AN960-10L	1
14.	Roller/Spacer	KSHW0042	2
15.	3/16" Bolt	AN3-26A	1
16.	3/16" Plastic Washer	PW-3	2
17.	Aluminum Bushing, 1/4" x .028 x .375 *	KAAC0012-6	0
18.	3/16" Bolt	AN3-23A	2
19.	1/4" Nut **	----	0
20.	Flap Lever Side Plate	KPFL0056	2

*Builder must fabricate from raw stock.

**Supplied with Teleflex.

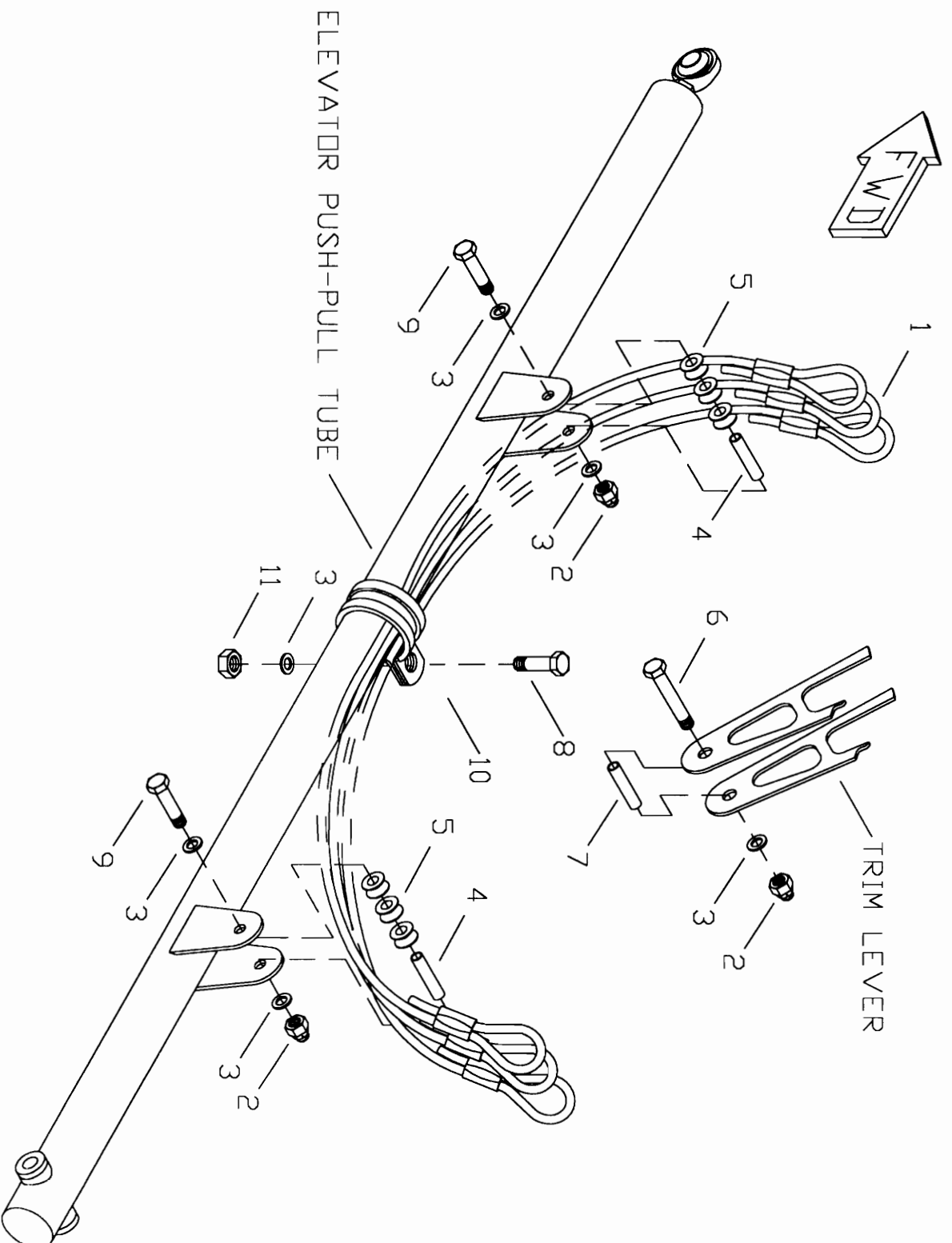


REVISION S-16 SHEKARI
TRIM LEVER ASSEMBLY

S-16 SHEKARI - TRIM LEVER ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-17A	1
2.	3/16" Thin Washer	AN960-10L	2
3.	3/16" Bolt	AN3-16A	1
4.	3/16" Thick Washer	AN960-10	1
5.	3/16" Shear Acorn Nut	22NKM02	2
6.	3/16" Plastic Washer	PW-3	3
7.	Aluminum Bushing, 1/4" x .028 x .875 *	KAAC0012-6	0
8.	Trim Lever Knob	KPTR0029	1
9.	Knob	KSAC0012	1
10.	Roller/Spacer	KSHW0042	1
11.	3/32" Aluminum Rivet	40APR1/4	2
12.	3/16" Single Ear Nut Plate	MS21051-L3	1
13.	Trim Lever	KPTR0028	1
14.	Trim Friction Lever	KPTR0027	1

*Builder must fabricate from raw stock.

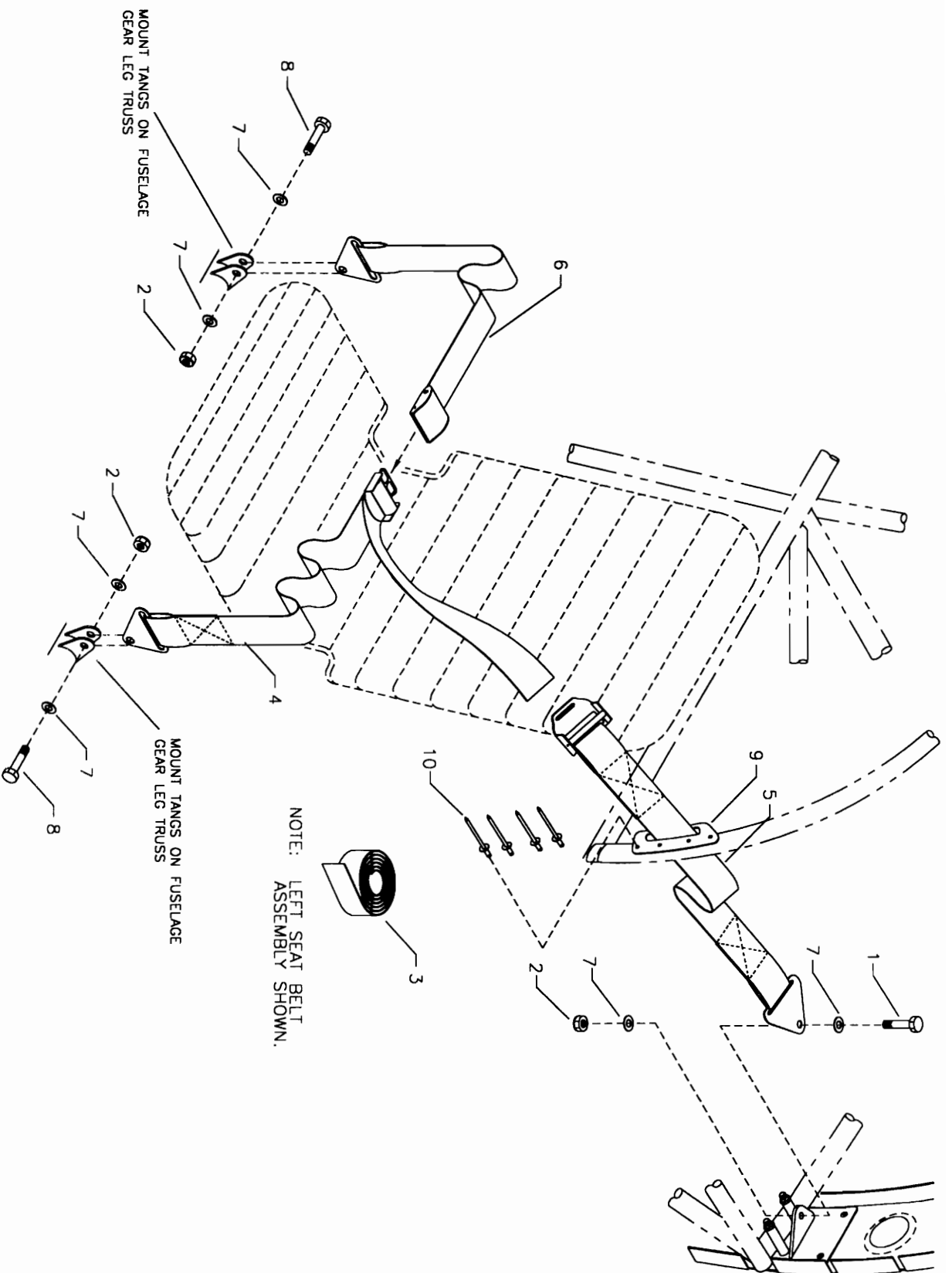


S-16 SHEKARI TRIM SYSTEM ASSEMBLY

S-16 SHEKARI - TRIM SYSTEM ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Trim Bungee Cord	KSAC0033	3
2.	3/16" Shear Acorn Nut	22NKM02	3
3.	3/16" Thin Washer	AN960-10L	6
4.	Aluminum Bushing, 5/16" x .058 x 11/16" *	KAAC0012-9	0
5.	Trim Pulley	PT-TRPUL	6
6.	3/16" Bolt	AN3-17A	1
7.	Aluminum Bushing, 1/4" x .028 x approx. 1.30 *	KAAC0012-6	0
8.	3/16" Bolt	AN3-3A	1
9.	3/16" Bolt	AN3-12A	2
10.	Cushioned Clamp	MS21919-WDG14	1
11.	3/16" Shear Nut	AN364-1032A	1

*Builder must fabricate from raw stock.

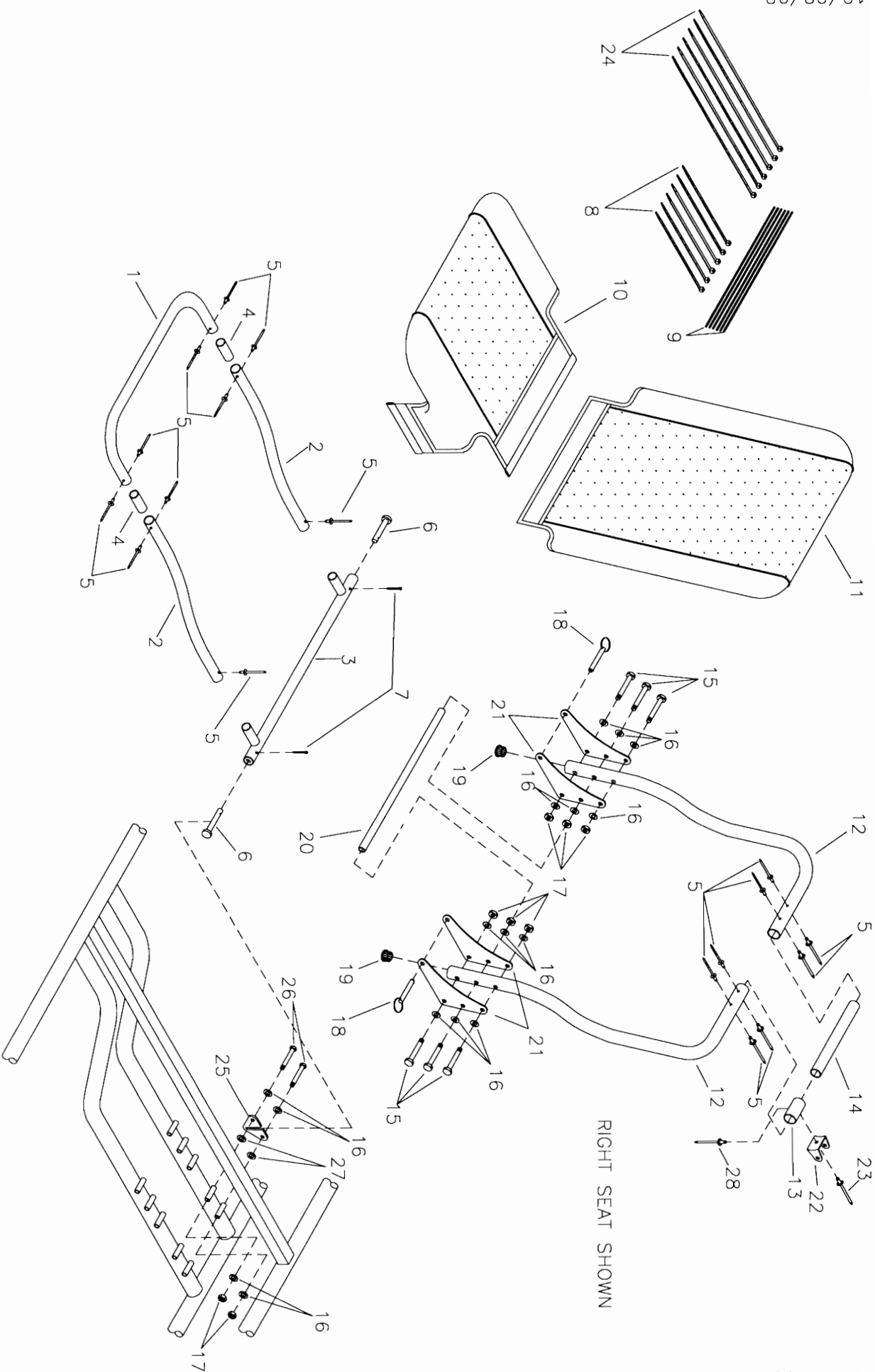


S-16 SHEKARI **SEAT BELT INSTALLATION**

S-16 SHEKARI - SEAT BELT INSTALLATION

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Bolt	AN4-6A	2
2.	1/4" Shear Nut	AN364-428A	6
3.	Seat Belt Kit	KAST0022	1
4.	Lap Belt - Buckle Side *	KAST0019	0
5.	Shoulder Belt *	KAST0021	0
6.	Lap Belt - Clip Side *	KAST0020	0
7.	1/4" Thick Washer	AN960-416	12
8.	1/4" Bolt	AN4-10A	4
9.	Seat Belt Guide	KPST0021	2
10.	1/8" Stainless Steel Rivet	CCPQ-44	8

*Supplied in Seat Belt Kit-KAST0022.



SEAT ASSEMBLY

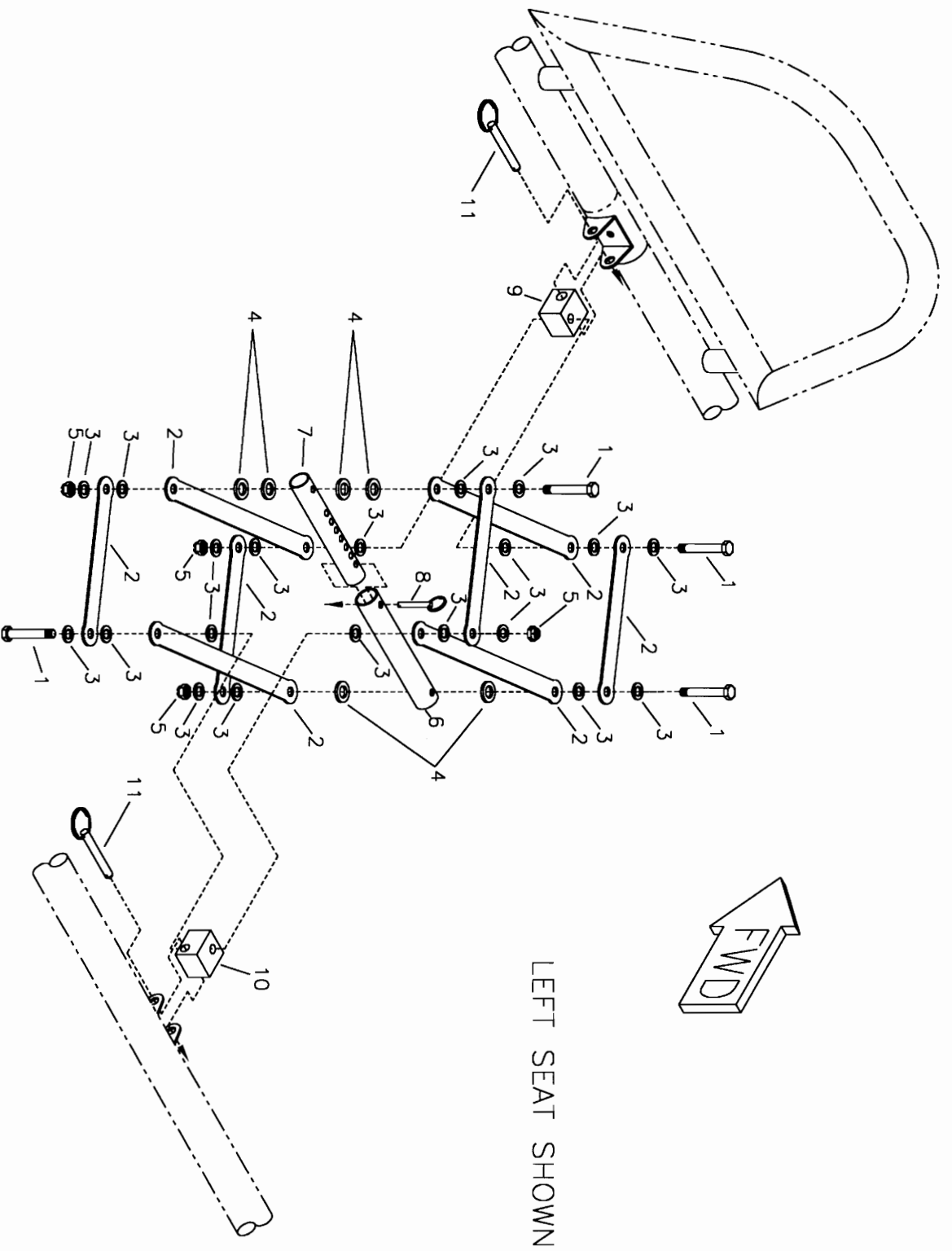
S-16 SHEKARI

S-16 SHEKARI - SEAT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Seat Bottom Front Hoop	KPST0027	2
2.	Seat Bottom Side Tube	KPST0025	4
3.	Seat Bottom Lace Tube	KPST0026	2
4.	Aluminum Splice Tube, 1/2" x .035 x 1 7/8" *	KAAC0012-11	0
5.	1/8" Stainless Steel Rivet	CCPQ-42	36
6.	1/4" Clevis Pin	MS20392-3C31	4
7.	Large Cotter Pin	MS24665-285	4
8.	Short Black Nylon Zip Ties	N-TIES	22
9.	3/32" Stainless Steel Rod	TG-LW	6
10.	Seat Bottom Cushion	KAST0016	2
11.	Seat Back Cushion	KAST0017	2
12.	Seat Back Frame **	ST-SBF	2
13.	Aluminum Bushing, 7/8" x .058 x 1 1/4" *	KAAC0012-12	0
14.	Seat Back Frame Splice	KPST0047	2
15.	3/16" Bolt	AN3-14A	12
16.	3/16" Thin Washer	AN960-10L	40
17.	3/16" Shear Nut	AN364-1032A	20
18.	1/4" Quick Pin	PIN 1/4X1.2	4
19.	7/8" End Cap	CS-EC	4
20.	Aluminum Tubing, 1/2" x .035 x 15 7/16" *	KAAC0012-11	0
21.	Seat Gusset	KPST0024	8
22.	Stainless Steel Hinge	W-HB	2
23.	3/16" Stainless Steel Rivet	CCPQ-64	2
24.	Long Black Nylon Zip Ties	LG-N-TIE	12
25.	Seat Bottom Guide	KPST0045	4
26.	3/16" Bolt	AN3-12A	8
27.	3/16" Thick Washer	AN960-10	8
28.	3/32" Aluminum Rivet	40APR1/8	2

*Builder must fabricate from raw stock. Dimensions may vary.

**Builder must modify. Refer to text for instructions.



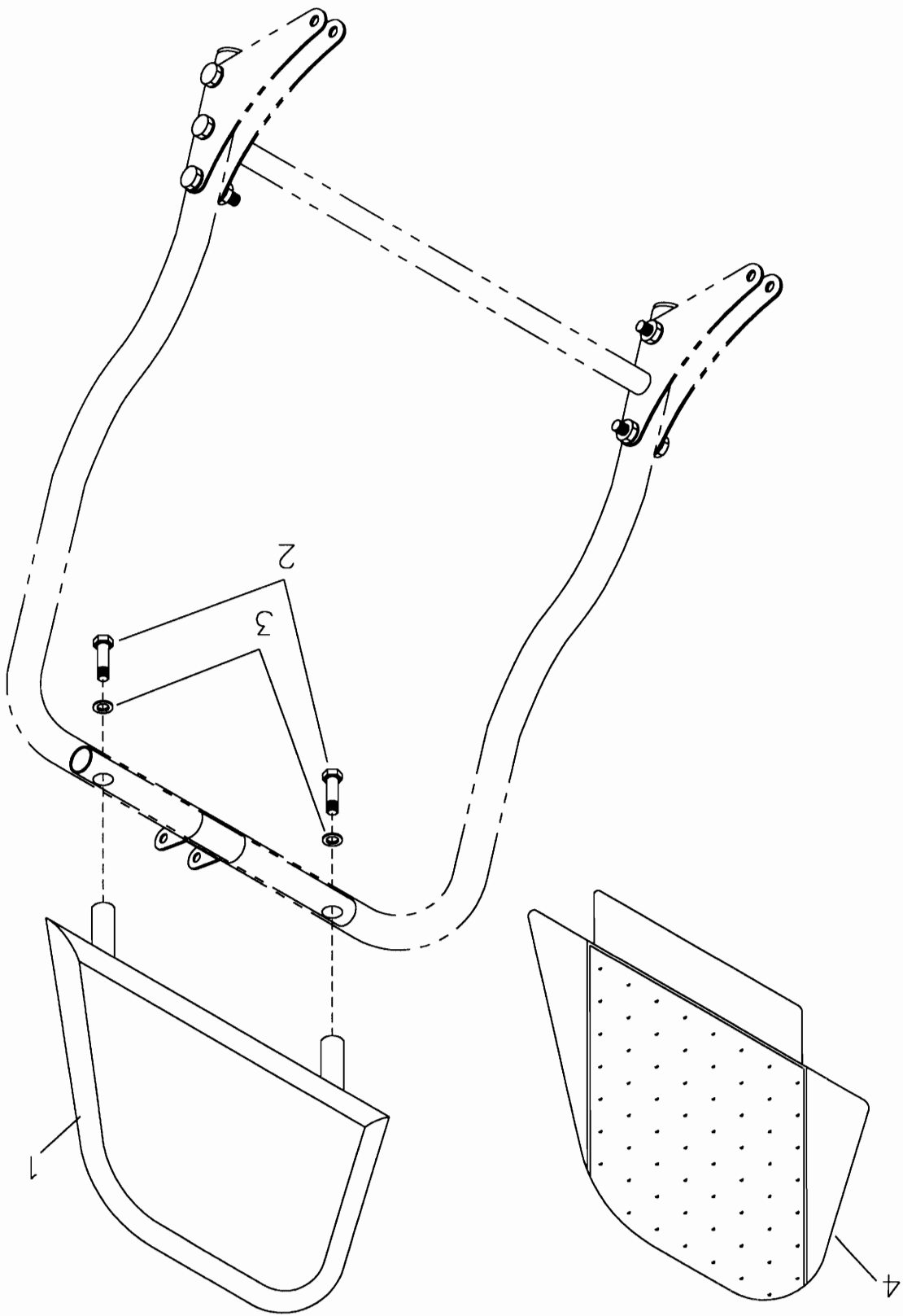
RRR S-16 SHEKARI SEAT ADJUSTMENT MECHANISM

S-16 SHEKARI - SEAT ADJUSTMENT MECHANISM ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-15A	8
2.	Seat Adjust Scissor	KPST0042	16
3.	3/16" Thin Washer	AN960-10L	40
4.	3/16" Plastic Washer	PW-3	12
5.	3/16" Shear Nut	AN364-1032A	8
6.	Seat Adjust Tube - Outer	KPST0043	2
7.	Seat Adjust Tube - Inner	KPST0044	2
8.	3/16" Quick Pin	PIN-3/16X.9	2
9.	Seat Adjust Block - Forward	KPST0040	2
10.	Seat Adjust Block - AFT	KPST0041	2
11.	3/16" Quik Pin	SSPIN 3/16X1.2	4

RPM S-16 SHEKARI OPTIONAL HEADREST ASSEMBLY

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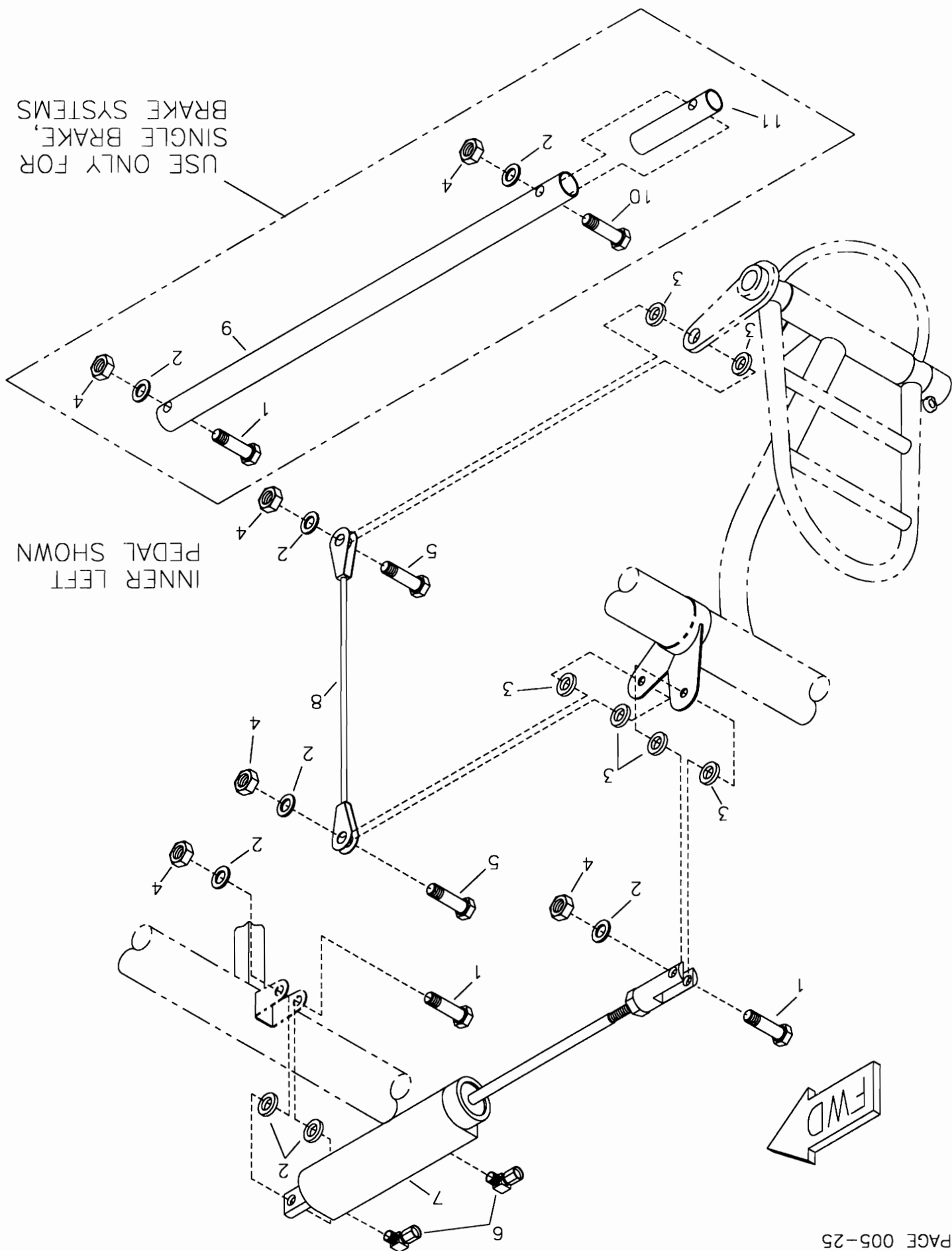


S-16 SHEKARI - OPTIONAL HEADREST ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Headrest	KPST0046	2
2.	1/4" Bolt	AN4-4A	4
3.	1/4" Thin Washer	AN960-416L	4
4.	Headrest Cushion	KAST0018	2

RRMS S-16 SHEKARI BRAKE SYSTEM ASSEMBLY

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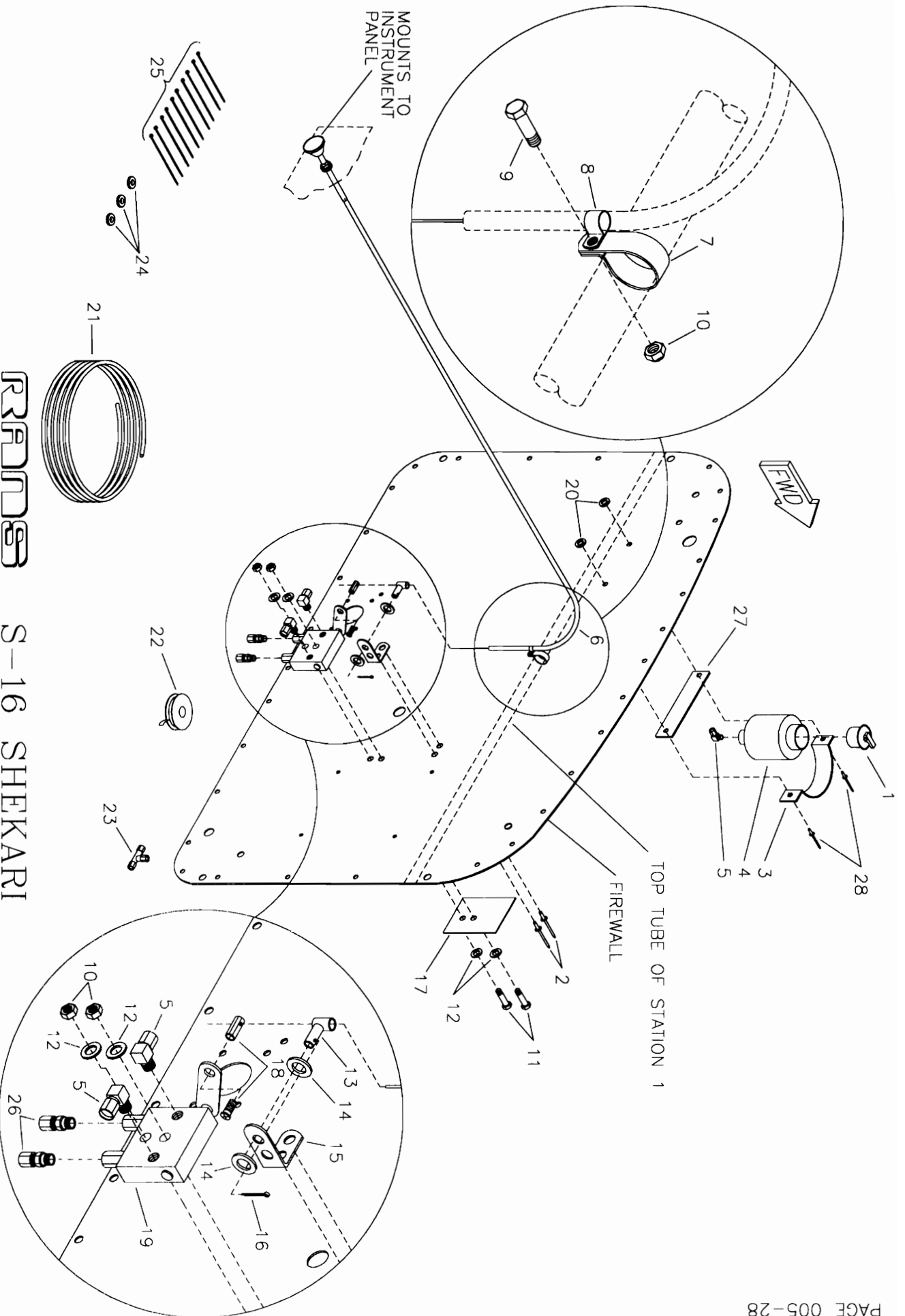
S-16 SHEKARI - SINGLE BRAKE SYSTEM ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-6A	4
2.	3/16" Thin Washer	AN960-10L	16
3.	3/16" Thick Washer	AN960-10	16
4.	3/16" Shear Nut	AN364-1032A	16
5.	3/16" Bolt	AN3-5A	8
6.	90 Fitting	KSBS0017	4
7.	Master Cylinder - Brake	KSBS0015	2
8.	Brake Link Rod	KACS0016	4
9.	3/16" Bolt	AN3-7A	2
10.	3/16" Bolt	AN3-4A	2
11.	Link Tube Doubler, 1/4" x .028 x 1" *	KAAC0012-6	0
12.	Link Tube, 3/8" x .035 x 8 1/2" *	KAAC0012-15	0

*Builder must fabricate from raw stock.

S-16 SHEKARI - OPTIONAL DUAL BRAKE SYSTEM ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-6A	4
2.	3/16" Thin Washer	AN960-10L	24
3.	3/16" Thick Washer	AN960-10	32
4.	3/16" Shear Nut	AN364-1032A	16
5.	3/16" Bolt	AN3-5A	8
6.	90 Fitting	KSBS0017	8
7.	Master Cylinder - Brake	KSBS0015	4
8.	Brake Link Rod	KACS0016	4
9.	3/16" Bolt	AN3-7A	4

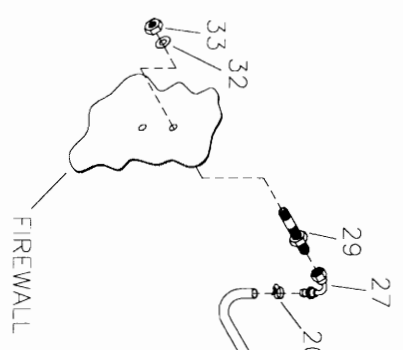
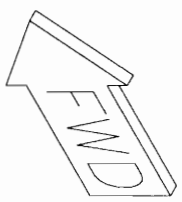


S-16 SHEKARI PARK BRAKE & RESERVOIR ASSEMBLY

S-16 SHEKARI - PARK BRAKE & RESERVOIR ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Expansion Cap	2598K29	1
2.	3/16" Aluminum Rivet	AAPQ-62	2
3.	Coolant Recovery Clamp	FS-HS	1
4.	Hydraulic Brake Reservoir	KPBS0007	1
5.	90 Fitting	KSBS0017	3
6.	Control Cable	4-336	1
7.	5/8" Non-Cushioned Clamp	AN742-D10	1
8.	Conduit Clamp	S1-CC	1
9.	3/16" Bolt	AN3-3A	1
10.	3/16" Shear Nut	AN364-1032A	3
11.	3/16" Bolt	AN3-12A	2
12.	3/16" Thin Washer	AN960-10L	4
13.	Cable Housing Swivel Stop	KPBS0009	1
14.	1/4" Thick Washer	AN960-416	2
15.	Swivel Stop Bracket	KPBS0010	1
16.	Small Cotter Pin	MS24665-134	1
17.	Park Brake Backing Plate	KPBS0008	1
18.	Wire Swivel/Screw Stop	2361	1
19.	Parking Brake	KSBS0007	1
20.	3/16" Thick Washer	AN960-10	2
21.	Hydraulic Brake Line, Dual Brake Systems	KSBS0019	28 ft
21.	Hydraulic Brake Line, Single Brake Systems	KSBS0019	25 ft
22.	Teflon Tape *	TEFLON TAPE	0
23.	Tee Fitting	KSBS0021	1
24.	Rubber Grommet	MS35489-6	3
25.	Short Black Nylon Zip Ties	N-TIES	8
26.	Straight Fitting	KSBS0018	2
27.	Hydraulic Brake Reservoir Backing Plate	KPPW0145	1
28.	3/16" Aluminum Rivet	AAPQ-64	2

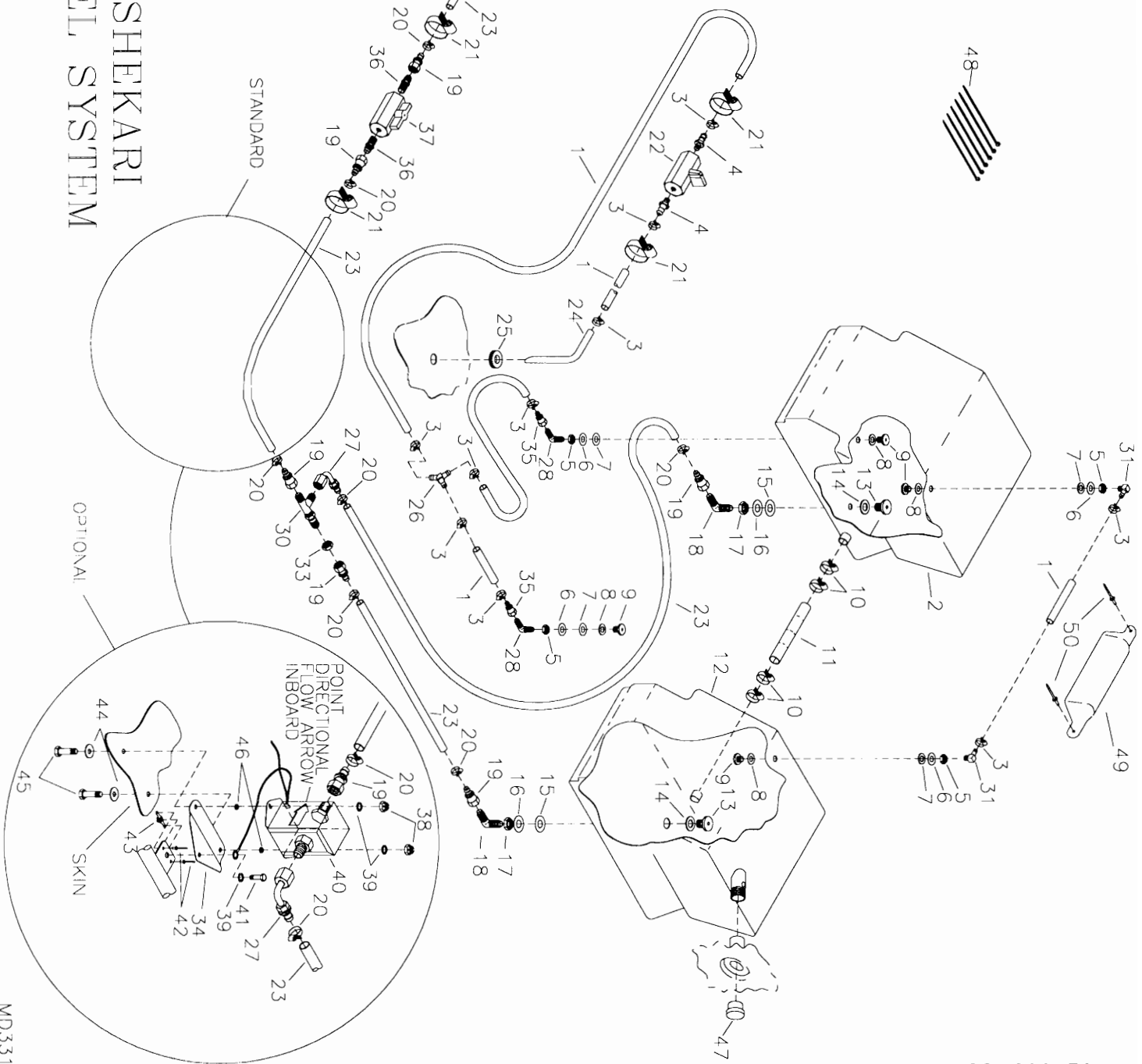
*Builder supplied.



REFUEL S-16 SHEKARI FUSELAGE TANK FUEL SYSTEM

STANDARD

OPTIONAL



S-16 SHEKARI - FUSELAGE TANK FUEL SYSTEM

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Black Fuel Line	KSFS0002	132 in
2.	Fuel Tank - Right	KPFS0008-R	1
3.	Small Hose Clamp	5-6202	11
4.	Straight Withdrawal Fitting	8330	2
5.	Nut	AN924-5D	4
6.	1/2" Thick Washer	AN960-816	4
7.	Rubber Washer	KSFS0010	4
8.	O-Ring	KSFS0009	4
9.	Tank Withdrawal Fitting	KPFS0017	4
10.	Hose Clamp	5-5228	4
11.	Fuel Tank Interconnect Hose	KPFS0025	1
12.	Fuel Tank - Left	KPFS0008-L	1
13.	Tank Withdrawal Fitting	KPFS0021	2
14.	O-Ring	KSFS0017	2
15.	Rubber Washer	KSFS0016	2
16.	3/4" Thick Washer	AN960-1216	2
17.	Nut	AN924-8D	2
18.	90 degree Elbow	AN822-6D	2
19.	Hose Nipple	30682-6-6	6
20.	Hose Clamp	5-6203	8
21.	Hose Clamp	5-5216	4
22.	Fuel Valve	FS-S-OFF	1
23.	3/8" Black Fuel Line	27004	12 ft
24.	Aluminum Tube, 1/4" x .028 x 4" *	KAAC0012-6	0
25.	Rubber Grommet	MS35489-6	1
26.	Fuel Line Y Connector	8345	1
27.	90 degree Fitting	33982-6-6	2
28.	Elbow	AN822-4D	2
29.	Bulkhead Fitting	AN832-6D	1
30.	Tee	AN804-6D	1
31.	90 Withdrawal Fitting	8342	2
32.	9/16" Thin Washer	AN960-916L	1
33.	Nut	AN924-6D	2
34.	Fuel Pump Mount Bracket **	KPFS0024	0
35.	Hose Nipple	30682-4-4	2
36.	Nipple	AN816-6D	2
37.	Fuel Valve	KSFS0018	1
38.	3/16" Shear Nut **	AN364-1032A	0
39.	3/16" Thick Washer **	AN960-10	0
40.	Fuel Pump **	KSFS0019	0

*Builder must fabricate from raw stock.

**Optional. Included with Engine packages.

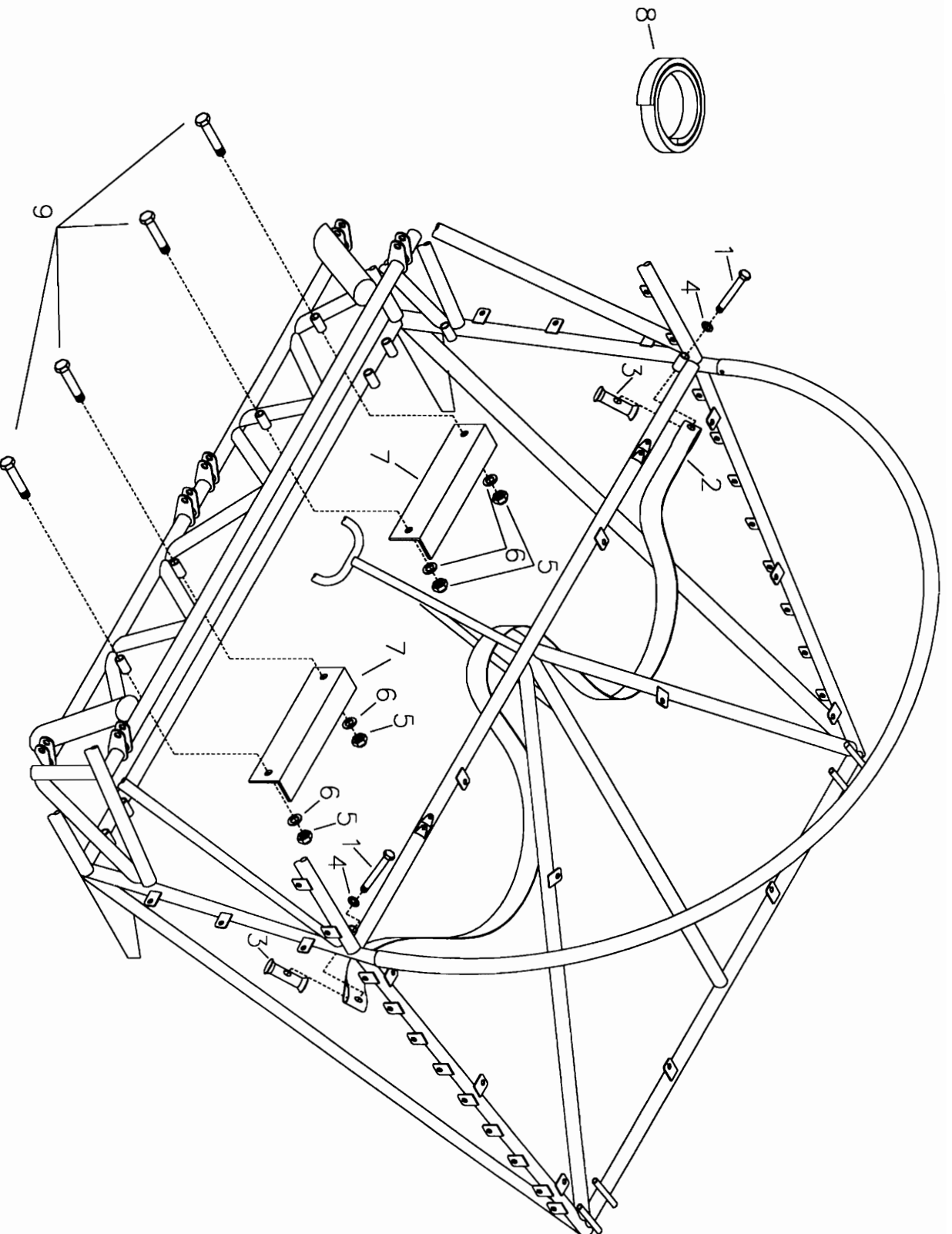
S-16 SHEKARI - FUSELAGE TANK FUEL SYSTEM (CONTINUED)

#	DESCRIPTION	PART NUMBER	QUANTITY
41.	3/16" Bolt **	AN3-3A	0
42.	3/32" Aluminum Rivet **	40APR1/8	0
43.	3/16" Nut Plate **	K-1000-3	0
44.	Countersunk Washer **	NAS1169-10L	0
45.	3/16" Countersunk Machine Screw **	AN509-1032R14	0
46.	Rubber Grommet **	KSAC0002	0
47.	Fuel Cap	KSFS0007	1
48.	Short Black Nylon Zip Ties	N-TIES	6
49.	Vent Cover (Qty 1) ***	KPFS0026	0
50.	1/8" Aluminum Rivet	AAPQ-46	2

*Builder must fabricate from raw stock.

**Optional.

***Included on KPFI0281 - Reference Fuselage Section.



**S-16 SHEKARI
FUEL TANK MOUNT ASSEMBLY**

S-16 SHEKARI - FUEL TANK MOUNT STRAP ASSEMBLY

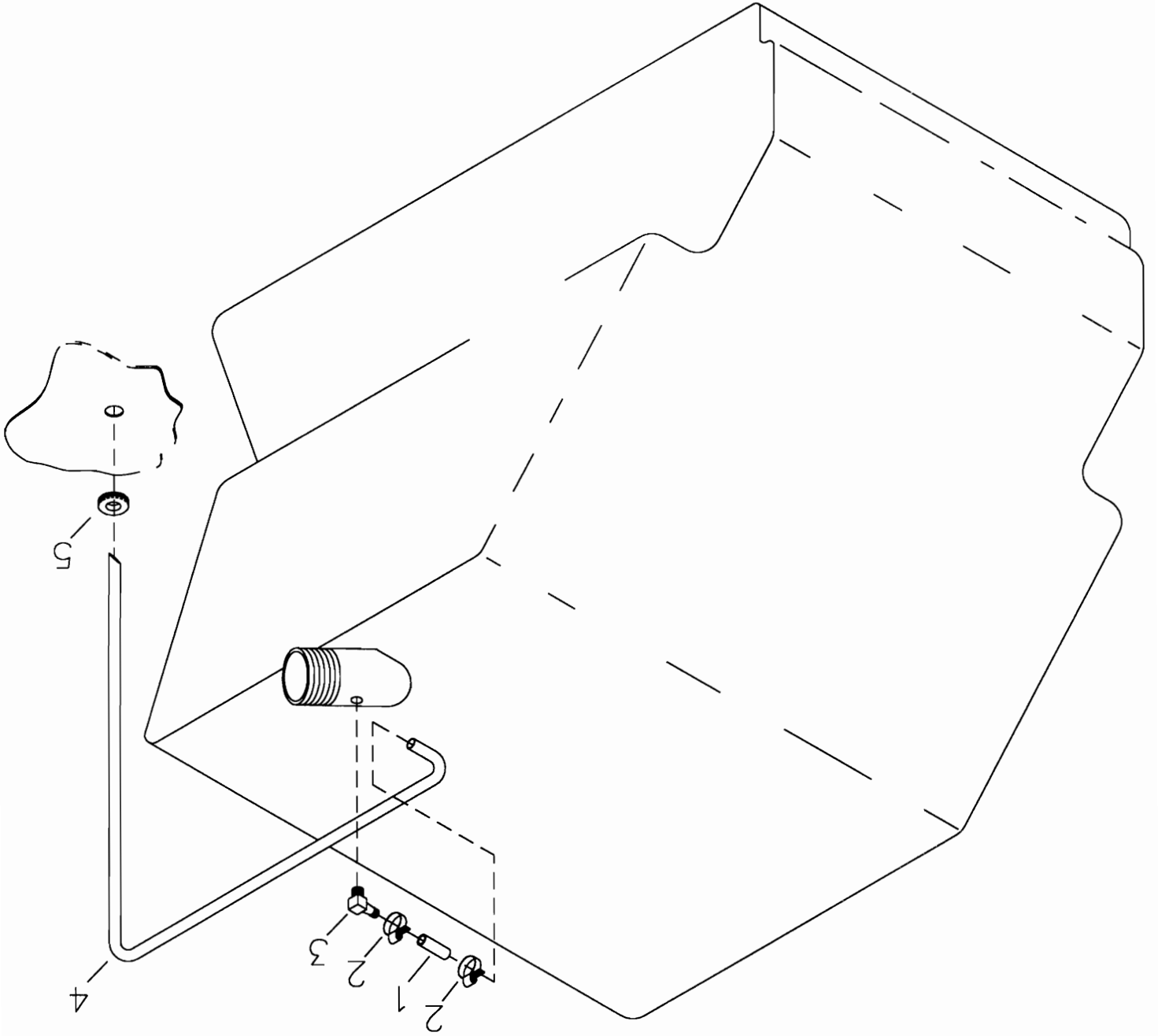
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Bolt *	KSHW0049	2
2.	Fuel Tank Mount Strap	KPFS0023	1
3.	Strap Attach	KPFS0022	2
4.	1/4" Thin Washer	AN960-416L	2
5.	3/16" Shear Nut	AN364-1032A	4
6.	3/16" Thin Washer	AN960-10L	4
7.	Mount Angles, 1 x 1 x .080 **	-----	0
8.	Rubber Trim	X1011	15 in
9.	3/16" Bolt	AN3-12A	4

*This bolt is nearly threaded it's whole length.

**Cut of from Stringer-KPFU0202

RPM S-16 SHEKARI FUEL VENT ASSEMBLY

MD3352
REV.



S-16 SHEKARI - FUEL VENT SYSTEM

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Black Fuel Line	KSFS0002	3 in
2.	Small Hose Clamp	5-6202	2
3.	90 Withdrawal Fitting	8342	1
4.	Aluminum Tube, 1/4" x 028 x 26" *	KAAC0012-6	0
5.	Rubber Grommet	MS35489-6	1

S-16 SHEKARI - OPTIONAL VAPOR RETURN SYSTEM

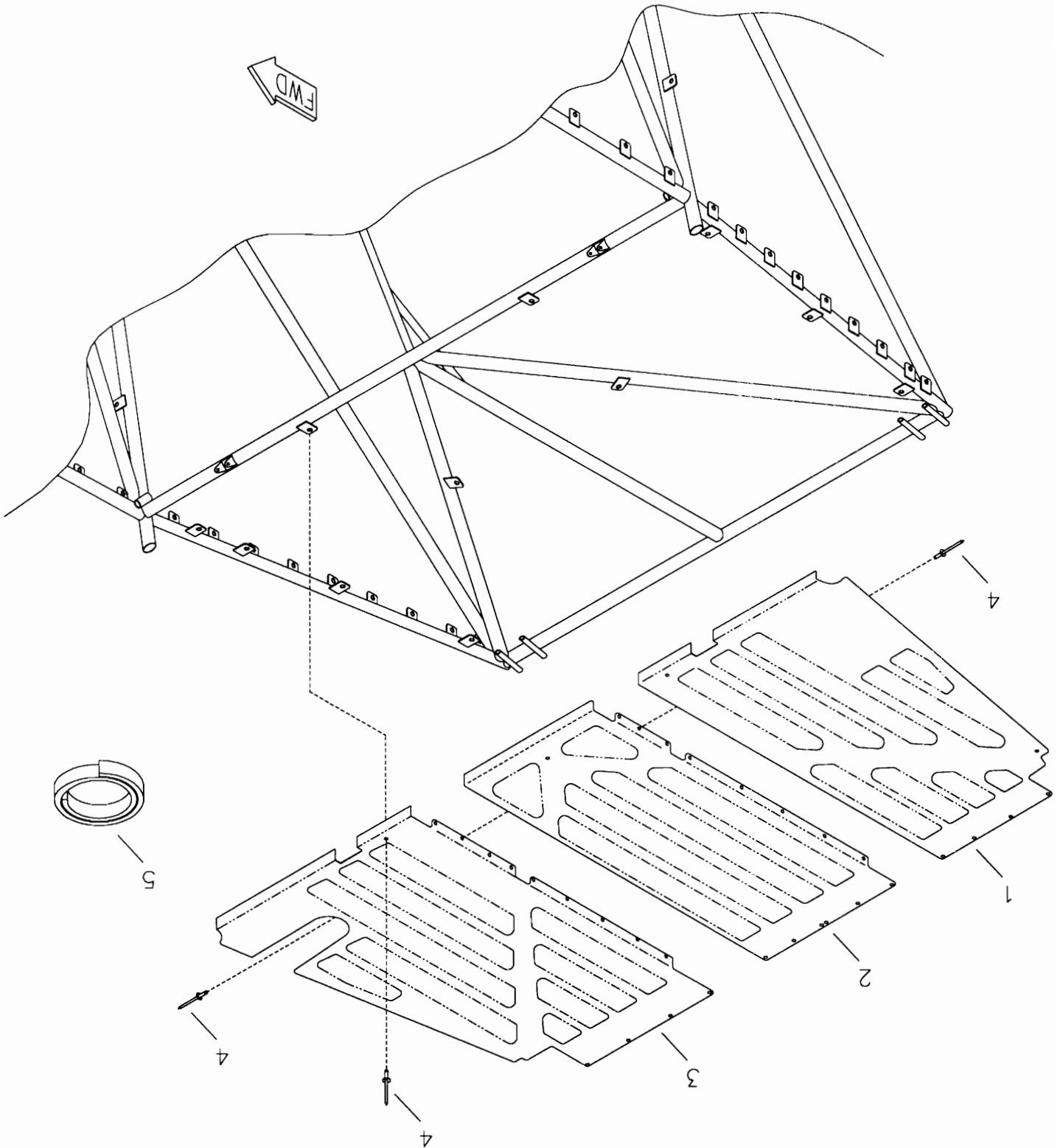
Required on IO-240 Engine

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Black Fuel Line	KSFS0002	108 in
2.	Small Hose Clamp	5-6202	4
3.	90 Withdrawal Fitting	8342	1
4.	Nut	AN924-5D	1
5.	1/2" Thick Washer	AN960-816	1
6.	Rubber Washer	KSFS0010	1
7.	O-Ring	KSFS0009	1
8.	Tank Withdrawal Fitting	KPFS0017	1
9.	Straight Withdrawal Fitting	8330	2
10.	Check Valve	KSFS0020	1
11.	45 degree Fitting	33782-4-4	1
12.	Bulkhead Fitting	AN832-4D	1
13.	9/16" Thick Washer	AN960-916	1
14.	Nut	AN924-4D	1
15.	Short Black Nylon Zip Ties	N-TIES	6

Install during Fuel Tank Installation.
Included with IO-240 Engine Package.

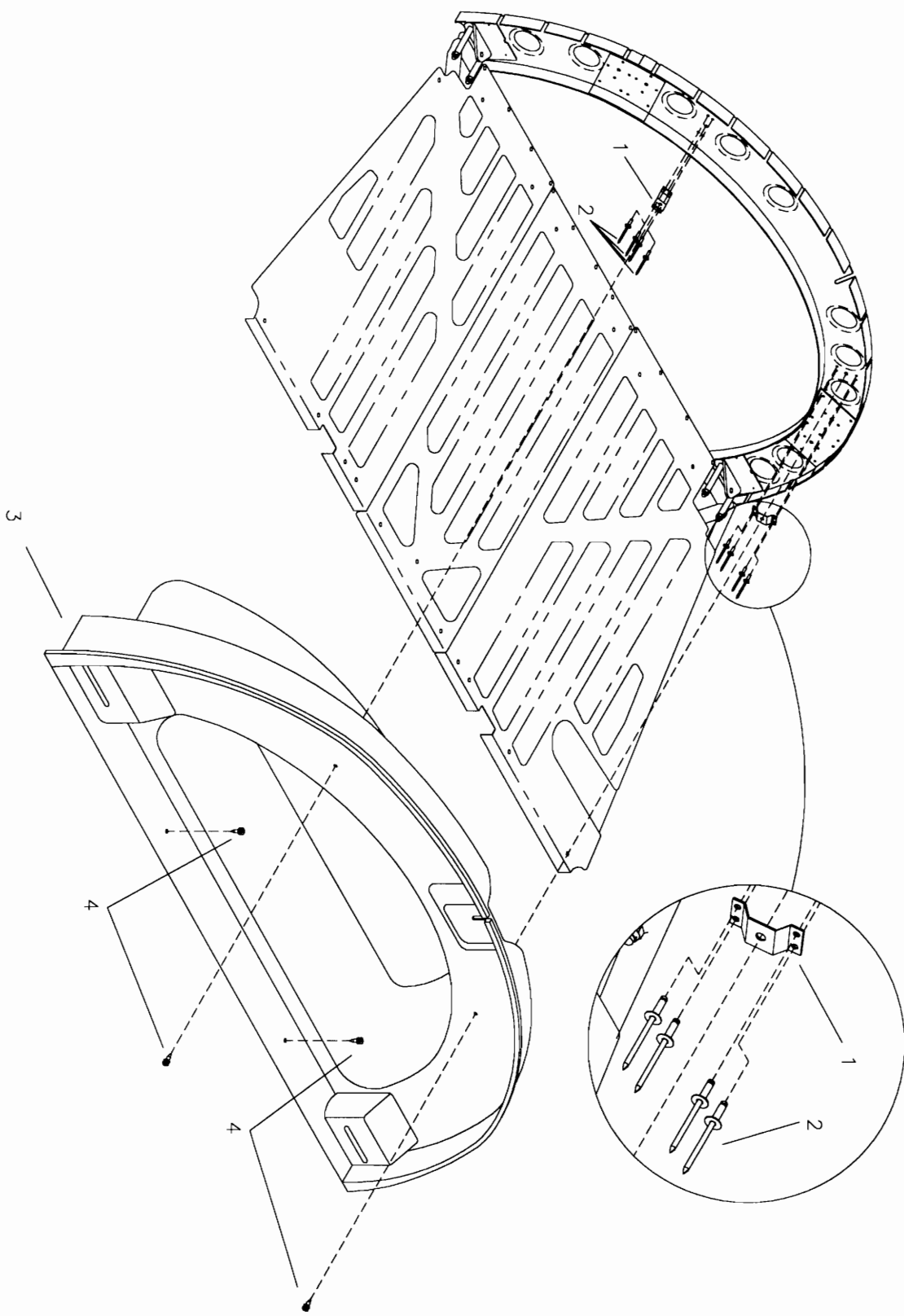
RMS S-16 SHEKARI BAGGAGE COMPARTMENT BOTTOM ASSEMBLY

MD3279
REV.



S-16 SHEKARI - BAGGAGE COMPARTMENT BOTTOM ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Baggage Deck - Right	KPFU0218	1
2.	Baggage Deck - Middle	KPFU0217	1
3.	Baggage Deck - Left	KPFU0216	1
4.	1/8" Aluminum Rivet	AAPQ-41	27
5.	Rubber Trim	X1011	14 in

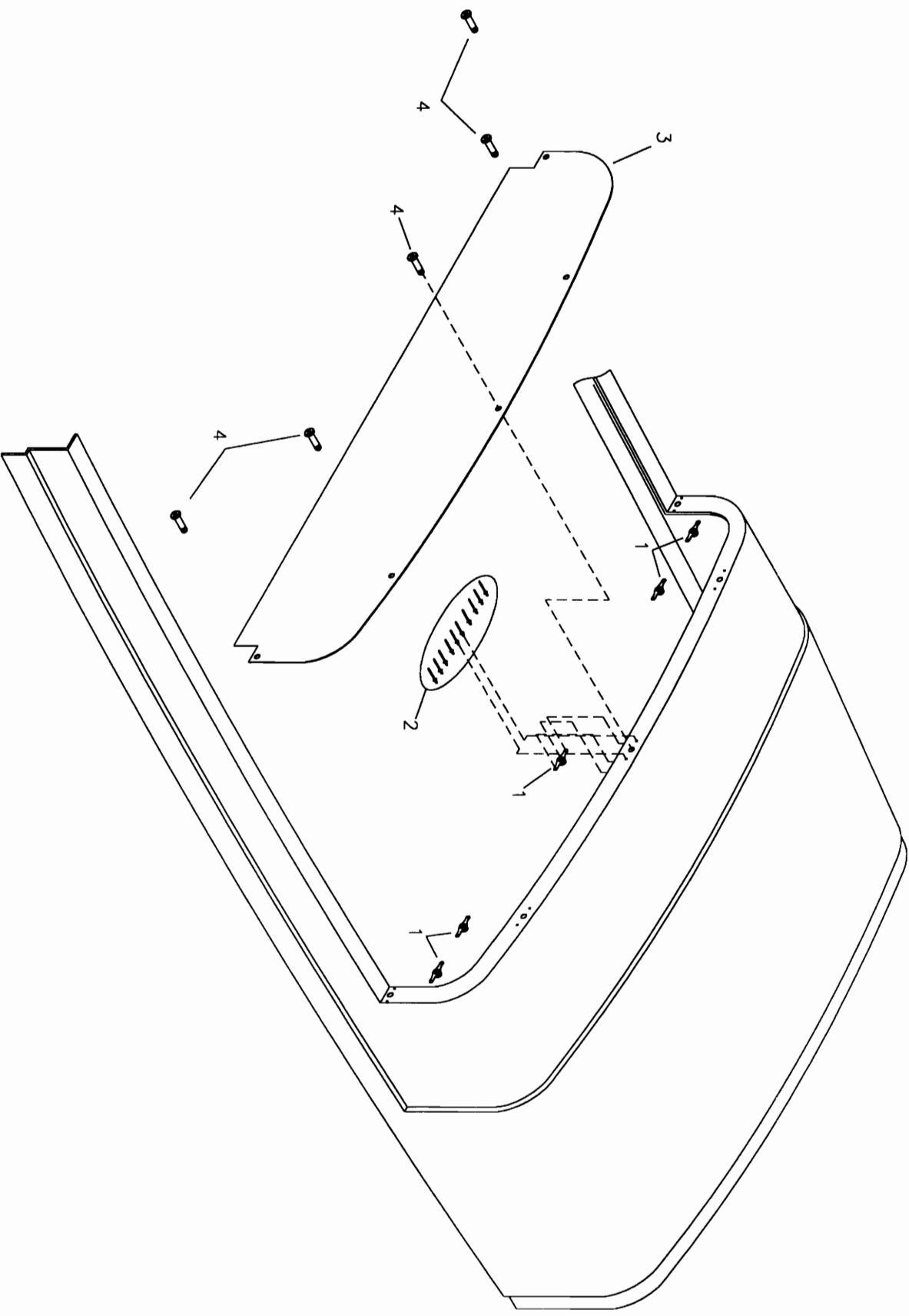


RRR S-16 SHEKARI
BAGGAGE COMPARTMENT CLOSEOUT

S-16 SHEKARI - BAGGAGE COMPARTMENT CLOSEOUT

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Aluminum Strip, 3/4" x .032 x 6"	KPFU0239	1
2.	1/8" Aluminum Rivet	AAPQ-42	8
3.	Baggage Close Out (Qty 1) *	KPFU0224	0
4.	Screw Rivet	M60-0580-01	4

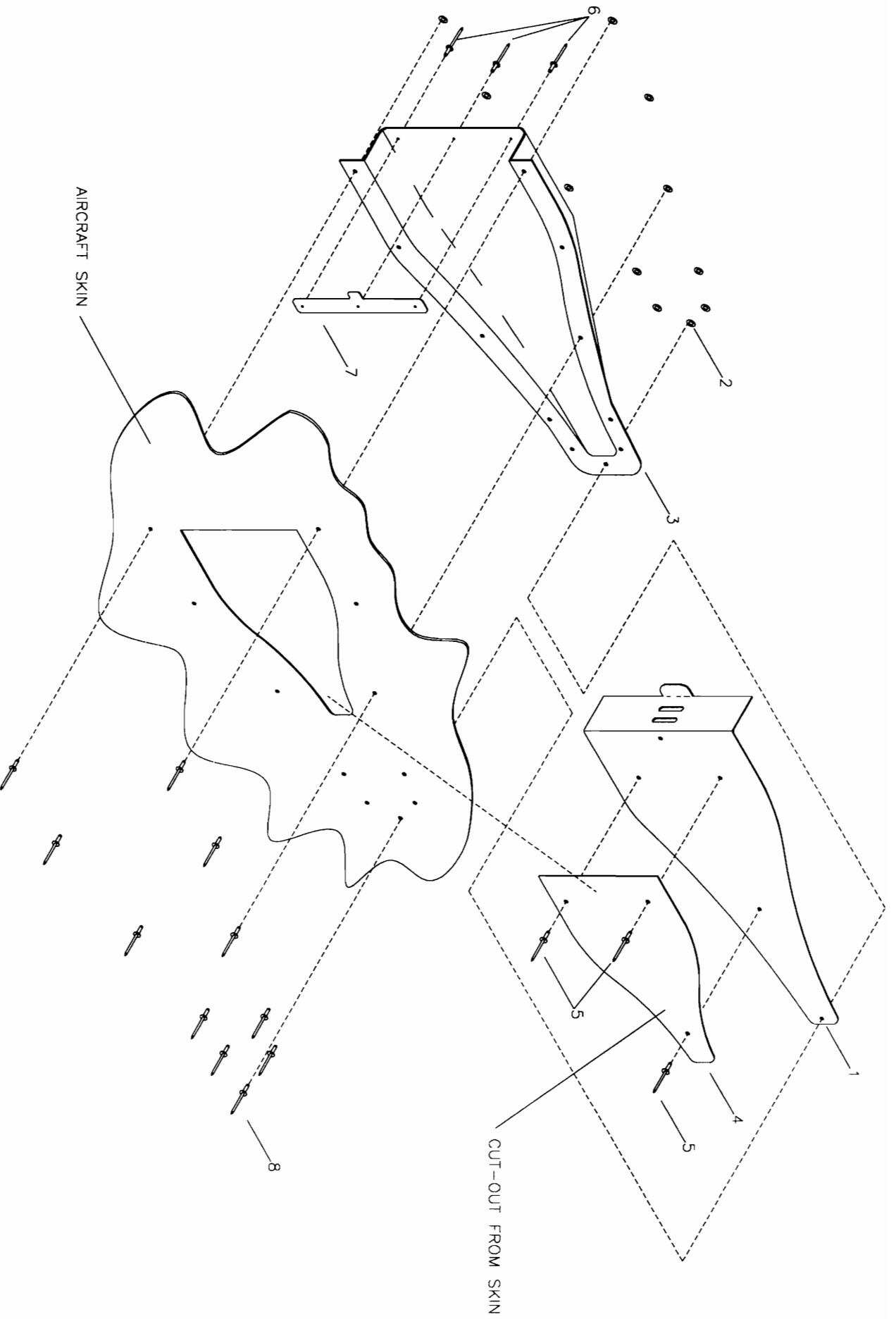
*Included on KPFU0281 - Reference Fuselage Section.



RRR008 S-16 SHEKARI
INSTRUMENT PANEL INSTALLATION

S-16 SHEKARI - INSTRUMENT PANEL INSTALLATION

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	#8 Nut Plate	MS21047-08	5
2.	3/32" Aluminum Rivet	40APR1/8	10
3.	Instrument Panel	KPIP0018	1
4.	#8 Trusshead Screw	AN515-8R7	5

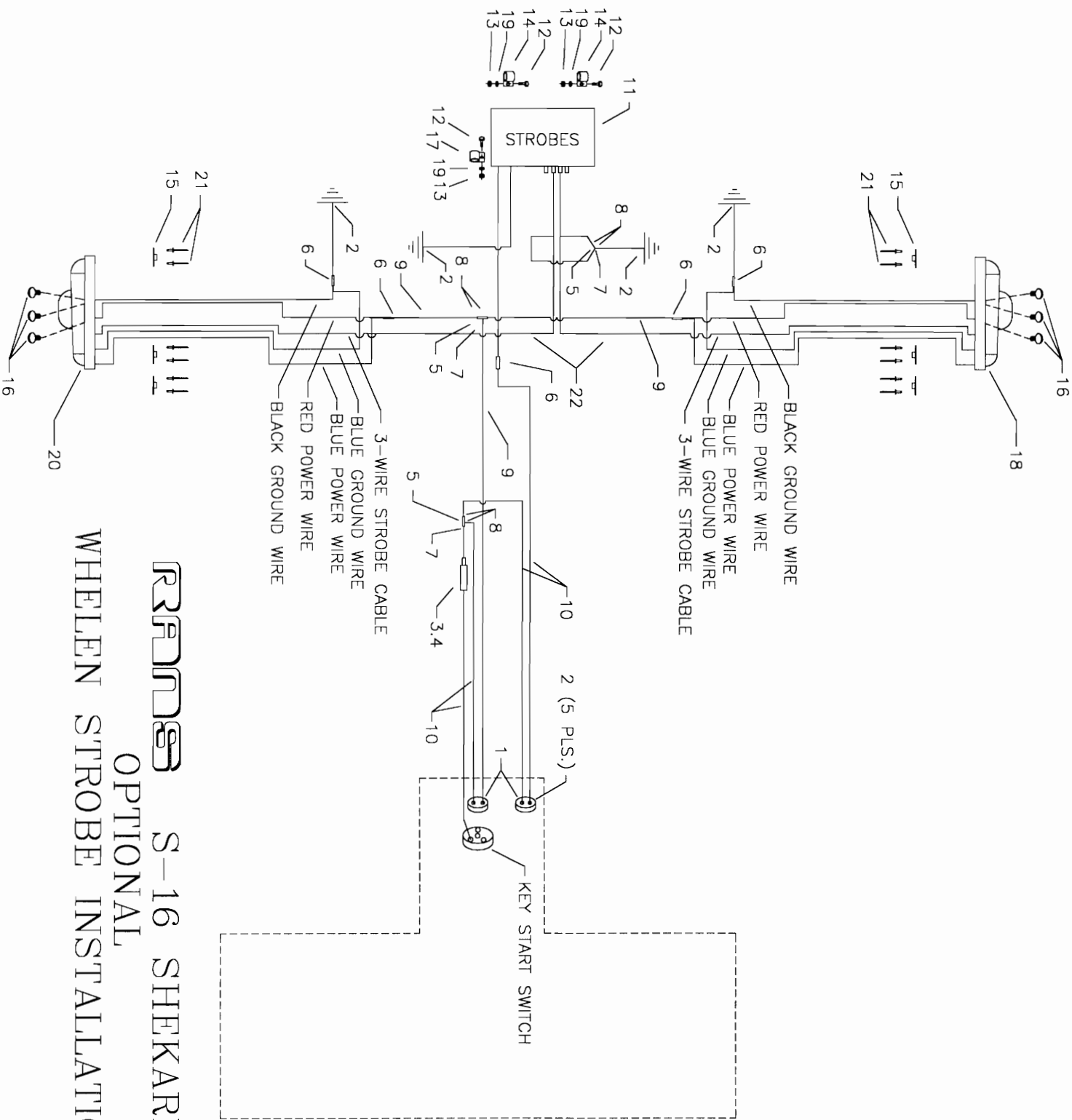


RRP01083 S-16 SHEKARI
AIR VENT ASSEMBLY

S-16 SHEKARI - AIR VENT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Air Vent Plate	KPSY0009	2
2.	Brass Washer	AN960-B4	22
3.	Air Vent (Qty 2) *	KPSY0011	0
4.	Skin Cutout	-----	0
5.	1/8" Aluminum Rivet	AAPQ-42	6
6.	1/8" Aluminum Rivet	AAPQ-41	6
7.	Airvent Latch	KPSY0010	2
8.	1/8" Aluminum Flush Rivet	AACQ-43	22

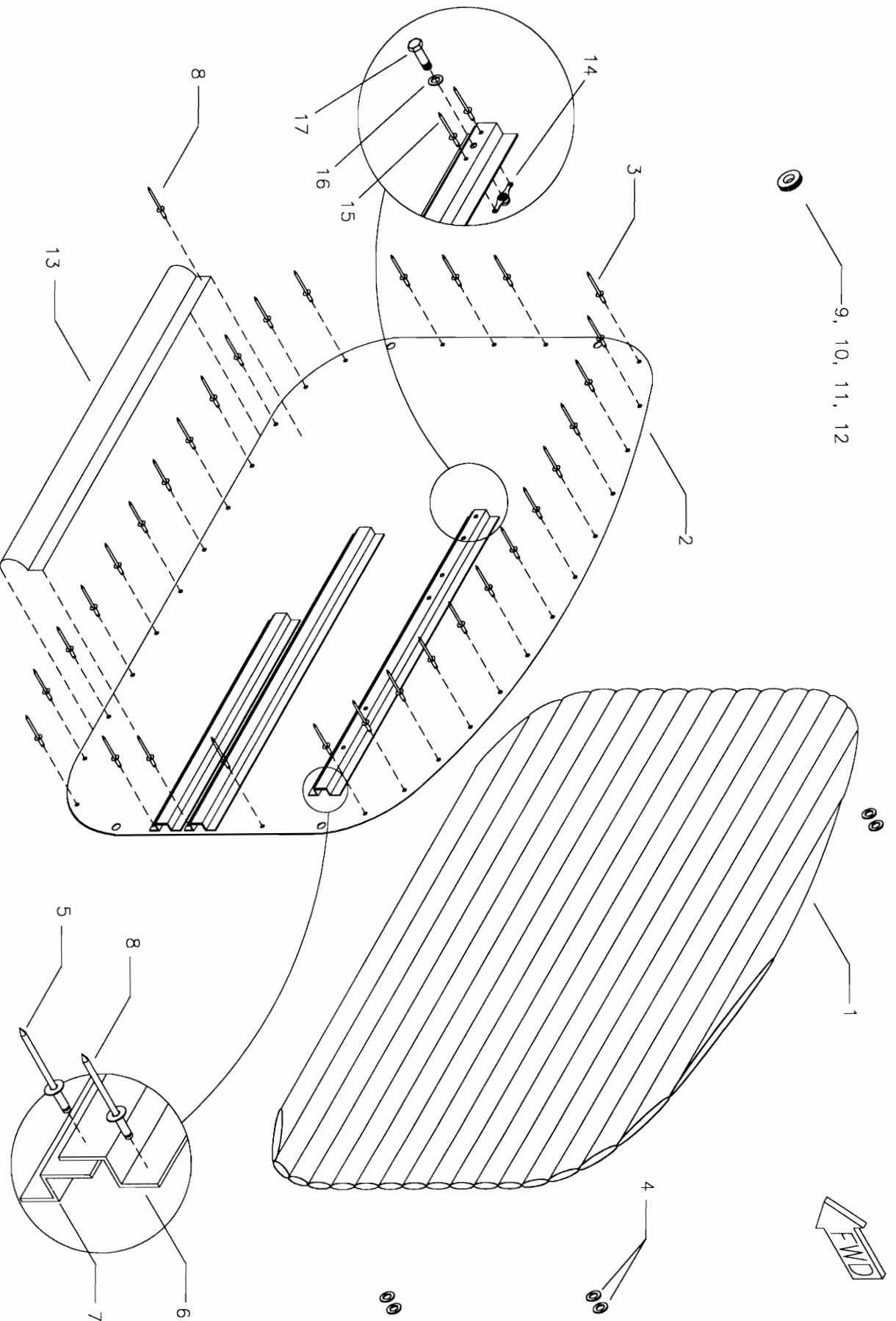
*Included on KPFU0281 - Reference Fuselage Section.



RRR S-16 SHEKARI
OPTIONAL
WHEELN STROBE INSTALLATION

S-16 SHEKARI - OPTIONAL WHELEN STROBES

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Ignition Switch	MS35058-22	2
2.	14 Gauge Eye Terminal, Blue, 3/16"	IP-7102	9
3.	15 AMP Fuse	KSES0020-15	1
4.	14 Gauge, In Line Fuse Holder	KSES0019	1
5.	Terminal Y Connector, Brass	IP-YC	3
6.	14 Gauge Splice, Butt Connector	IP-7132	5
7.	14 Gauge Male Spade Terminal, Blue	IP-7126	3
8.	14 Gauge Female Spade Terminal, Blue	IP-7128	6
9.	14 Gauge Yellow Wire	14 GA WIRE/YELLOW	50 ft
10.	14 Gauge Red Wire	14 GA WIRE/RED	8 ft
11.	Whelen Strobe Light Power Supply	A413A, HDA-DF	1
12.	3/16" Bolt	AN3-4A	3
13.	3/16" Shear Nut	AN364-1032A	3
14.	3/4" Non-Cushioned Clamp	AN742-D12	3
15.	8-32 Nut Plate	MS21047-08	6
16.	8/32" Truss Head Bolt	AN515-8R7	6
17.	5/8" Non-Cushioned Clamp	AN742-D10	1
18.	Whelen Right Strobe Light	A600-PG	1
19.	3/16" Thin Washer	AN960-10L	3
20.	Whelen Left Strobe Light	A600-PR	1
21.	3/32" Aluminum Rivet	40APR1/8	12
22.	Whelen Installation & Cable	HD-60	1

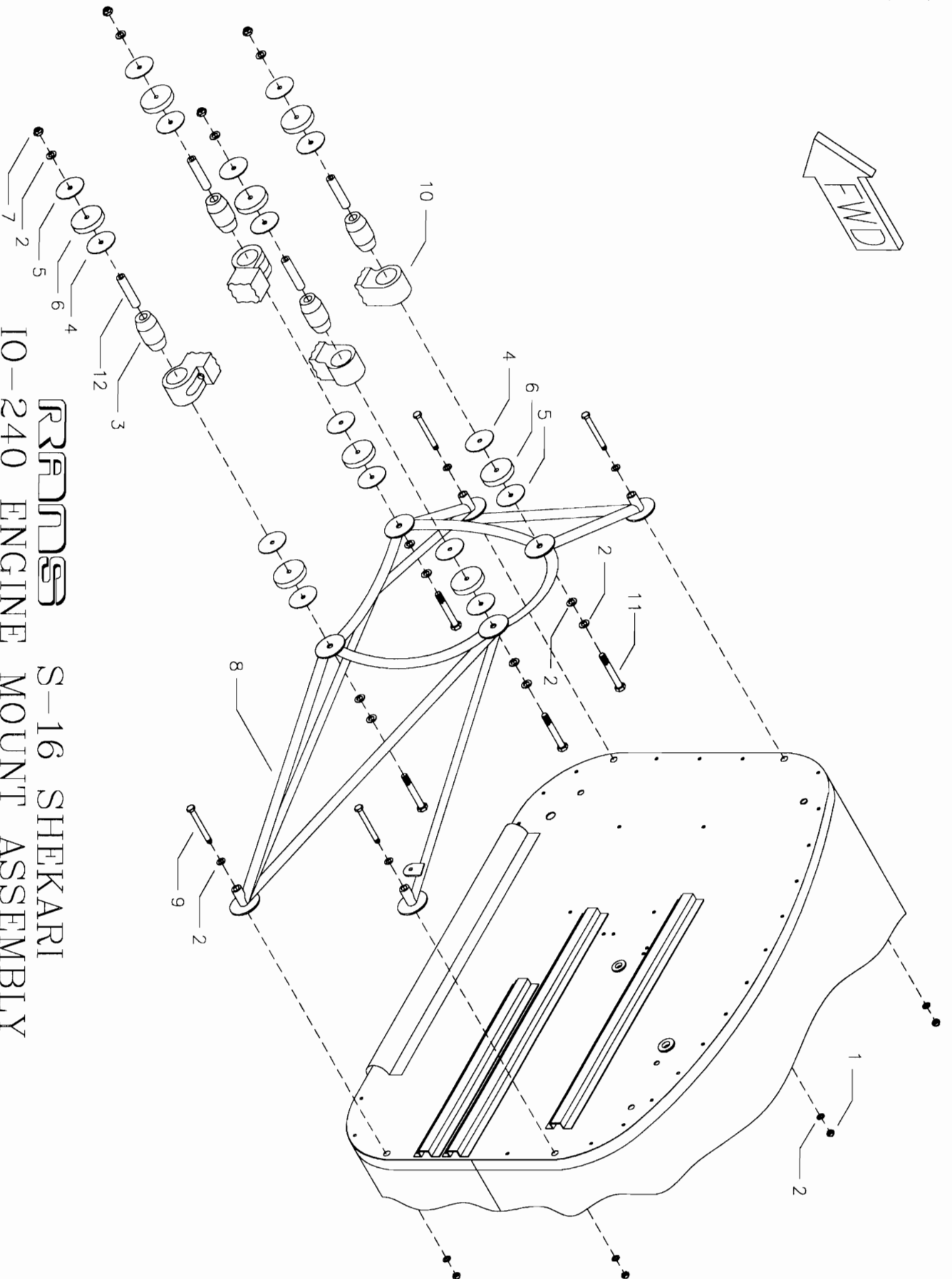


REVISIONS S-16 SHEKARI
IO-240 FIREWALL ASSEMBLY

S-16 SHEKARI - FIREWALL ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Sound Proofing *	KPFW0008	0
2.	Firewall *	KPFW0004	0
3.	1/8" Stainless Steel Rivet *	CCPQ-42	0
4.	3/8" Thick Washer *	AN960-616	0
5.	1/8" Aluminum Rivet	AAPQ-41	15
6.	Hat Section Outer	KPFU0231	3
7.	Hat Section Inner	KPFU0230	3
8.	1/8" Stainless Steel Rivet	CCPQ-41	35
9.	Grommet	KSAC0002	1
10.	5/8" Rubber Grommet	MS35489-6	2
11.	3/4" Grommet	MS35489-11	1
12.	7/8" Grommet	MS35489-17	1
13.	Venturi Bulb	KPFW0003	1
14.	3/16" Nut Plate	K-1000-3	4
15.	3/32" Aluminum Rivet	40APR1/8	12
16.	3/16" Thick Washer	AN960-10	4
17.	3/16" Bolt	AN3-3A	4

*Referenced from Fuselage Section.

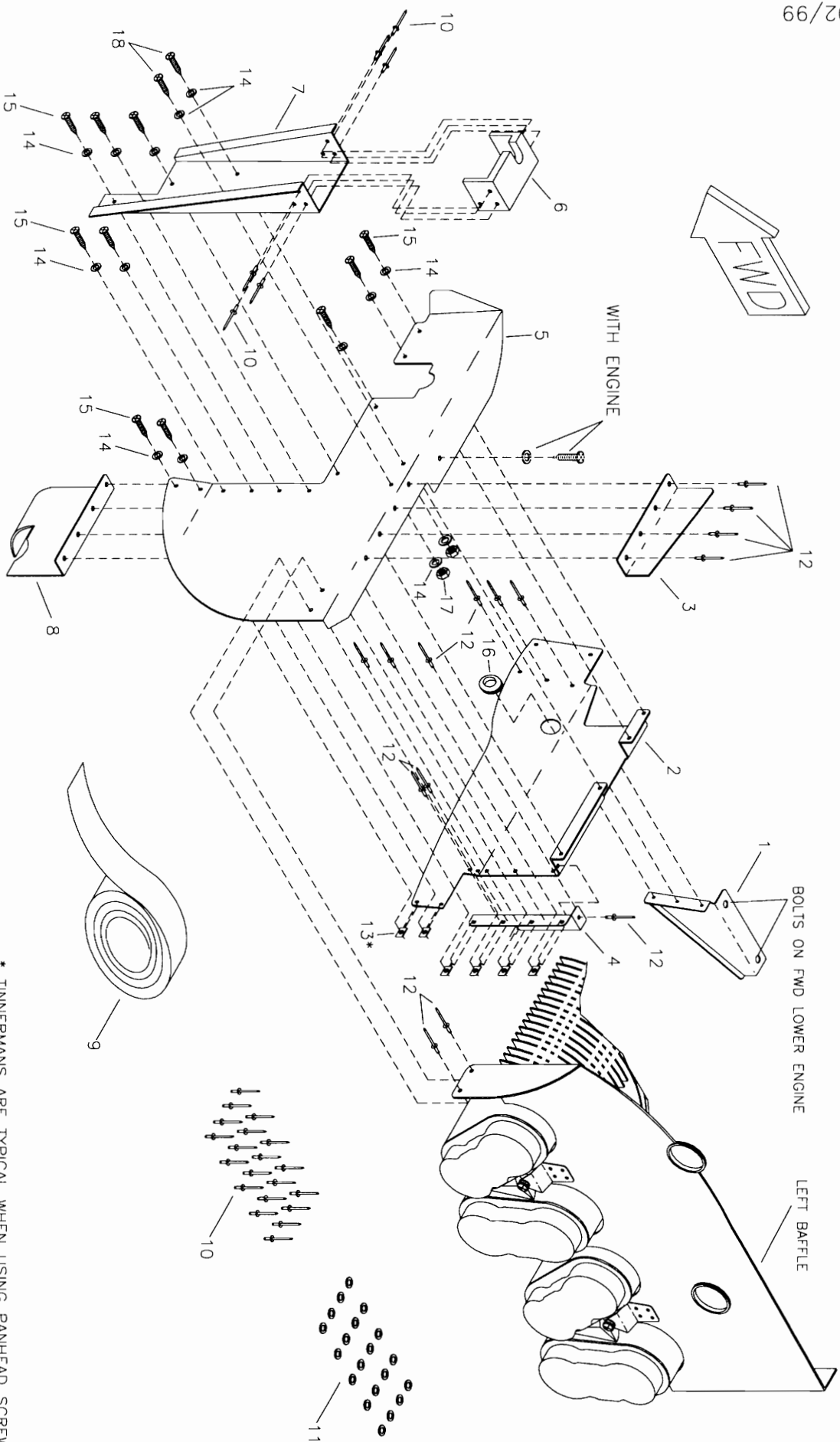


RRR ENGINE S-16 SHEKARI
IO-240 ENGINE MOUNT ASSEMBLY

S-16 SHEKARI - IO-240 ENGINE MOUNT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/8" Tensile Nut	AN365-624A	4
2.	3/8" Thick Washer	AN960-616	20
3.	Bushing *	----	0
4.	Seat Washer *	----	0
5.	Cup Washer *	----	0
6.	Rubber Isolator *	----	0
7.	3/8" Tensile Nut - Steel	AN363-624A	4
8.	IO-240 Engine Mount	KAPW0019	1
9.	3/8" Bolt	AN6-35A	4
10.	IO-240 Engine	KSPW0054	1
11.	3/8" Bolt	AN6-50A	4
12.	Steel Bushing *	----	0

*Supplied with Engine.



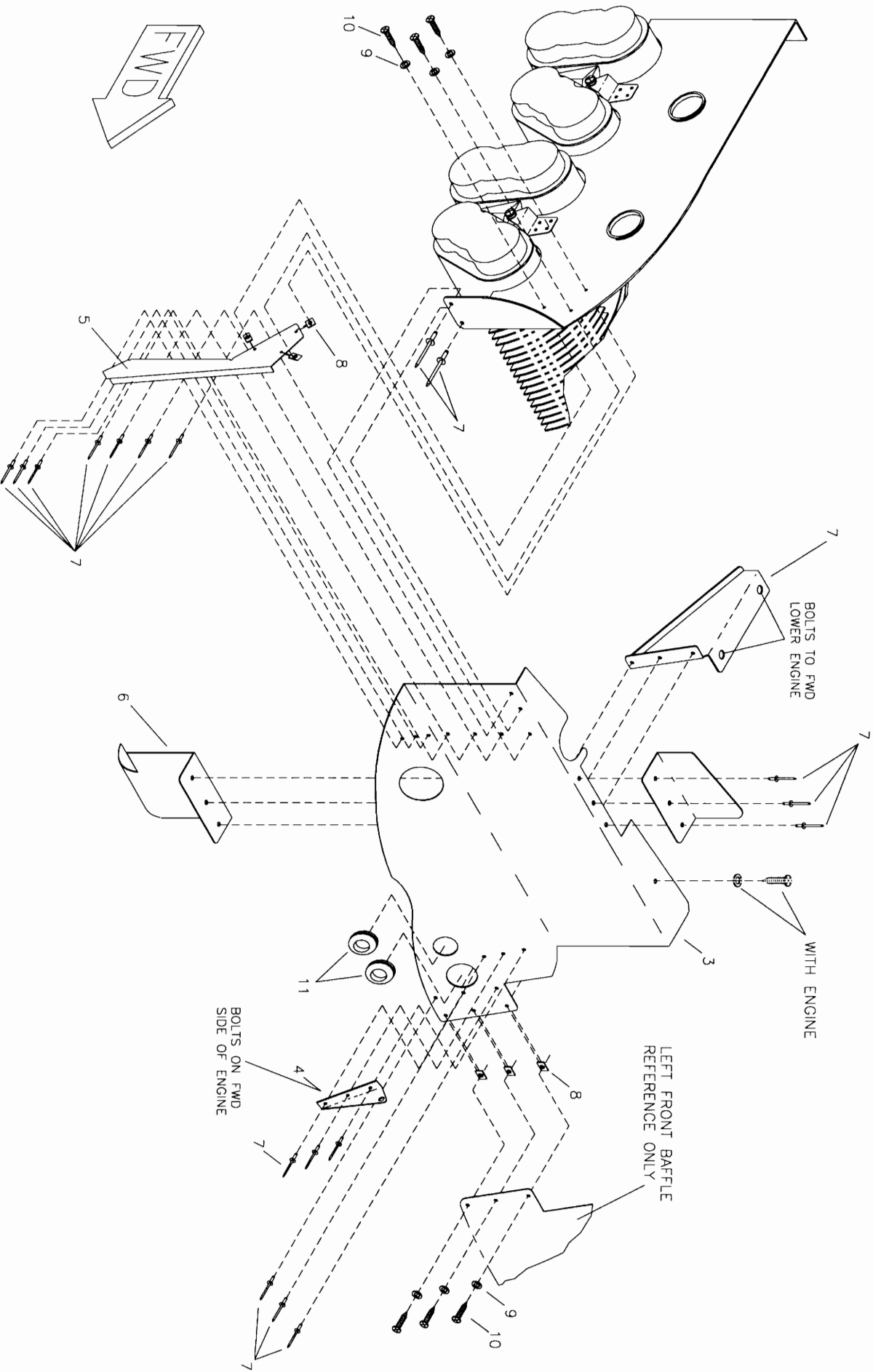
NOTE: ENGINE IS REFERENCE ONLY

* TINNERMANS ARE TYPICAL WHEN USING PANHEAD SCREWS

IO-240 FRONT LEFT BAFFLE ASSEMBLY

S-16 SHEKARI - IO-240 FRONT LEFT BAFFLE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Cooling Baffle - Front Bracket Left	KPPW0124	1
2.	Cooling Baffle - Front Center	KPPW0109	1
3.	Cooling Baffle - Left Front Cyl. Shield	KPPW0110	1
4.	Cooling Baffle - Center Joggle	KPPW0112	1
5.	Cooling Baffle - Front Left	KPPW0113	1
6.	Mixture Control Bracket	KPPW0144	1
7.	Cooling Baffle - Mixture Control Bracket	KPPW0131	1
8.	Cooling Baffle - Left Front Cyl. Shield	KPPW0119	1
9.	Baffling Silicone 2"	KSPW0038	1
10.	1/8" Aluminum Rivet	AAPQ-44	100
11.	1/8" Brass Washer	AN960-B4	90
12.	1/8" Aluminum Rivet	AAPQ-41	15
13.	Tinnerman	A1789-8Z-1	7
14.	#8 Brass Washer	AN960-B8	14
15.	#8 Pan Head Screw	8X1/2 PHS	7
16.	Grommet	MS35489-22	1
17.	3/16" Shear Nut	AN364-832A	2
18.	8 x 32 Screw	AN515-8R7	2

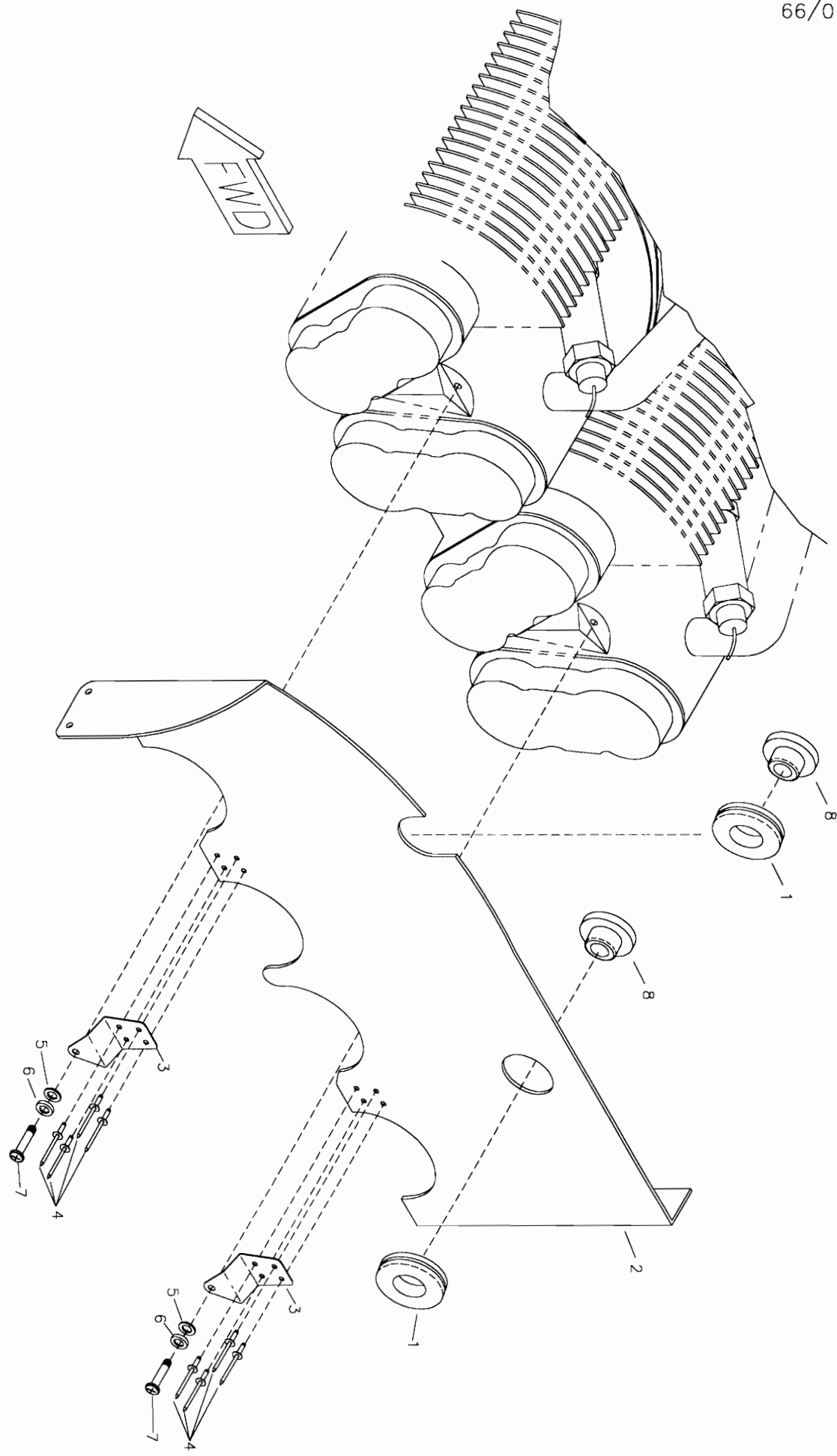


IO-240 FRONT RIGHT BAFFLE ASSEMBLY

S-16 SHEKARI - IO-240 FRONT RIGHT BAFFLE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Cooling Baffle - Right Front Cyl. Shield	KPPW0114	1
2.	Cooling Baffle - Front Bracket Right	KPPW0125	1
3.	Cooling Baffle - Right Side Front	KPPW0122	1
4.	Cooling Baffle - Center Rear Bracket	KPPW0129	1
5.	Cooling Baffle - Right Front Bracket	KPPW0123	1
6.	Cooling Baffle - Right Front Cyl. Shield	KPPW0118	1
7.	1/8" Aluminum Rivet	AAPQ-41	18
8.	Tinnerman	A1789-8Z-1	6
9.	#8 Brass Washer	AN960-B8	6
10.	#8 Pan Head Screw	8X1/2 PHS	6
11.	Grommet	MS35489-22	2

NOTE: ENGINE IS REFERENCE ONLY

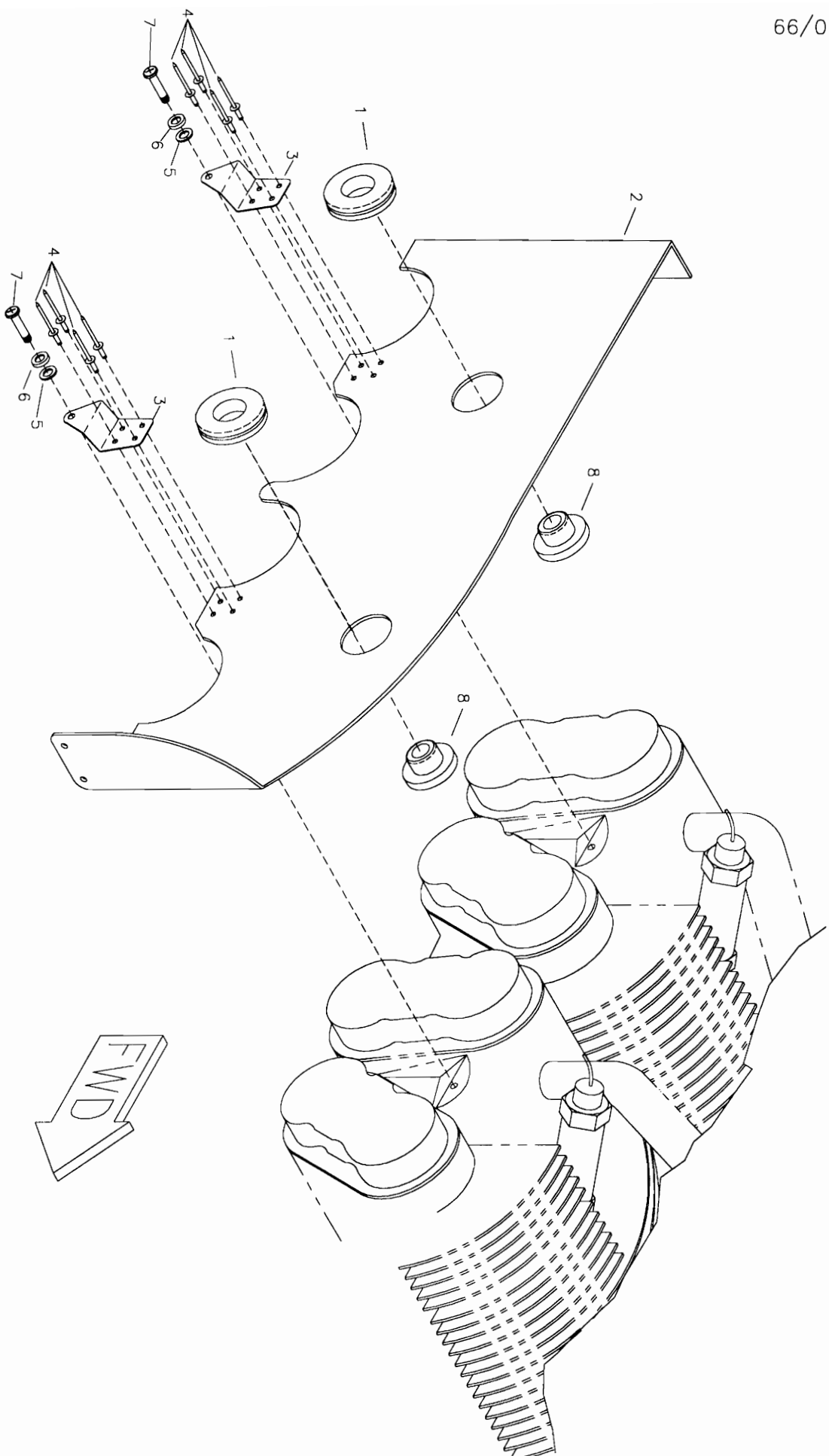


REPAIRS S-16 SHEKARI
IO-240 LEFT BAFLE ASSEMBLY

S-16 SHEKARI - IO-240 LEFT BAFFLE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Grommet	MS35489-21	2
2.	Cooling Baffle - Left Side	KPPW0111	1
3.	Cooling Baffle - Side Baffle Mount Bracket	KPPW0130	2
4.	1/8" Aluminum Rivet	AAPQ-41	8
5.	1/4" Thin Washer	AN960-416L	2
6.	1/4" Loc Washer	AN935-416L	2
7.	1/4" Machine Screw	MS35265-79	2
8.	Rubber Bushing	10672	2

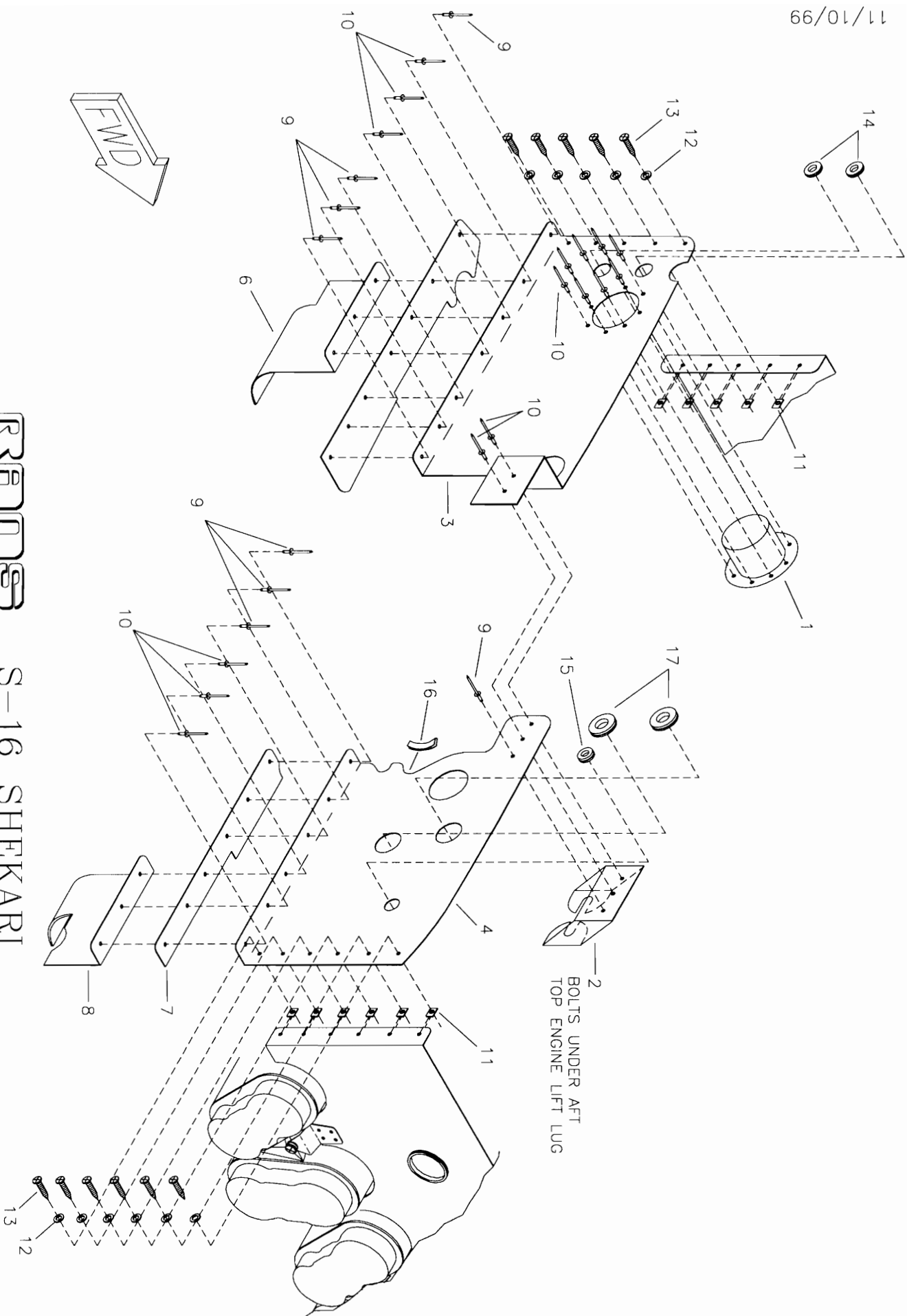
NOTE: ENGINE IS REFERENCE ONLY



RRMS S-16 SHEKARI IO-240 RIGHT BAFLE ASSEMBLY

S-16 SHEKARI - IO-240 RIGHT BAFFLE ASSEMBLY

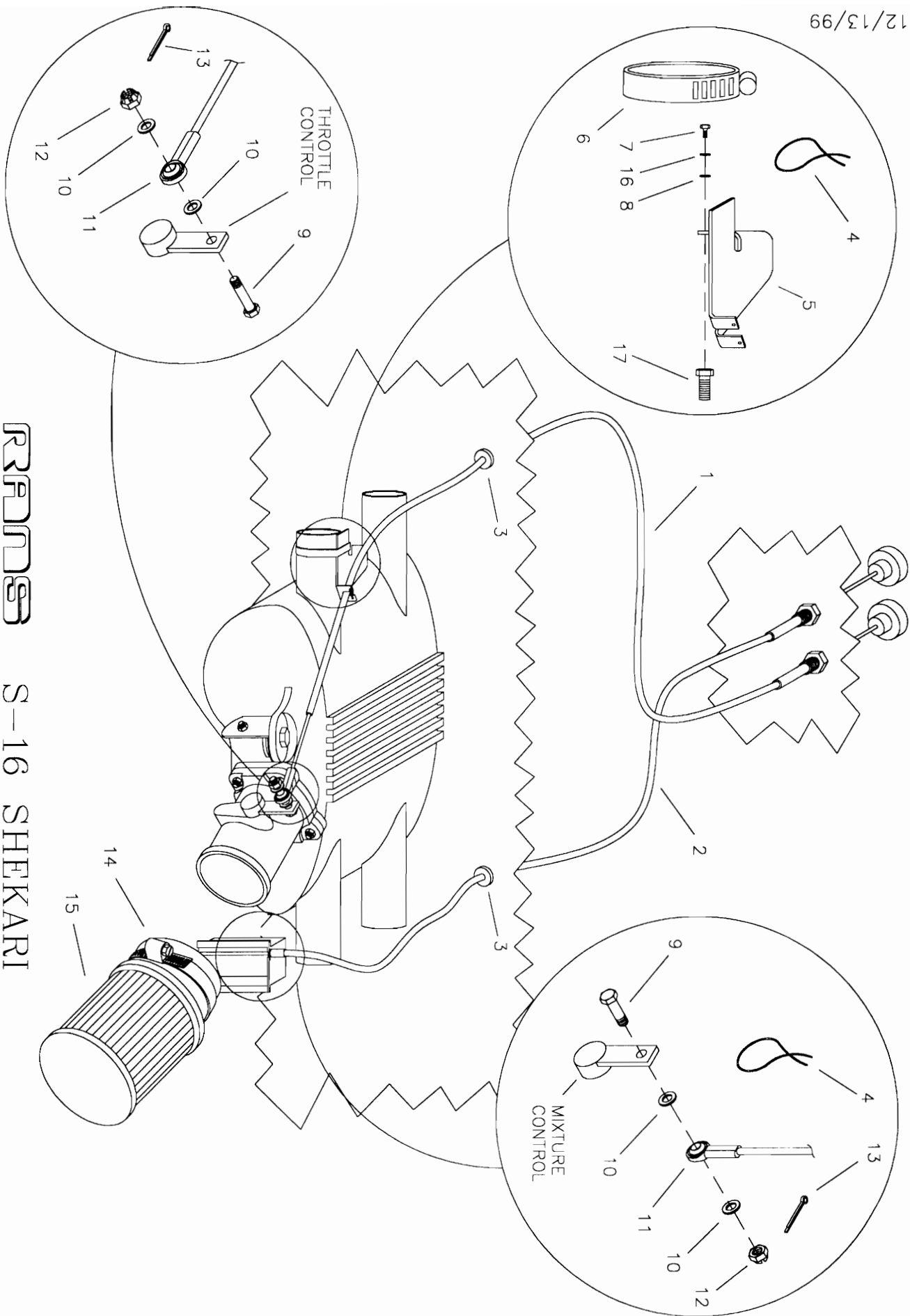
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Grommet	MS35489-21	2
2.	Cooling Baffle - Right Side	KPPW0116	1
3.	Cooling Baffle - Side Baffle Mount Bracket	KPPW0130	2
4.	1/8" Aluminum Rivet	AAPQ-41	8
5.	1/4" Thin Washer	AN960-416L	2
6.	1/4" Loc Washer	AN935-416L	2
7.	1/4" Machine Screw	MS35265-79	2
8.	Rubber Bushing	10672	2



S-16 SHEKARI IO-240 REAR BAFLE ASSEMBLY

S-16 SHEKARI - IO-240 REAR BAFFLE ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Flange, 3 inch	KSPW0043	1
2.	Cooling Baffle - Center Rear Bracket	KPPW0128	1
3.	Cooling Baffle - Left Rear	KPPW0117	1
4.	Cooling Baffle - Right Rear	KPPW0115	1
5.	Cooling Baffle - Left Rear	KPPW0127	1
6.	Cooling Baffle - Left Rear Cyl. Shield	KPPW0120	1
7.	Cooling Baffle - Right Rear	KPPW0126	1
8.	Cooling Baffle - Right Rear Cyl. Shield	KPPW0121	1
9.	1/8" Aluminum Rivet	AAPQ-41	8
10.	1/8" Aluminum Rivet	AAPQ-42	8
11.	Tinnerman	A1789-8Z-1	11
12.	#8 Brass Washer	AN960-B8	11
13.	#8 Pan Head Screw	8X1/2 PHS	11
14.	Grommet	MS35489-6	1
15.	Grommet	MS35489-10	1
16.	Rubber Trim	X1011	6 in
17.	Grommet	MS35489-22	2

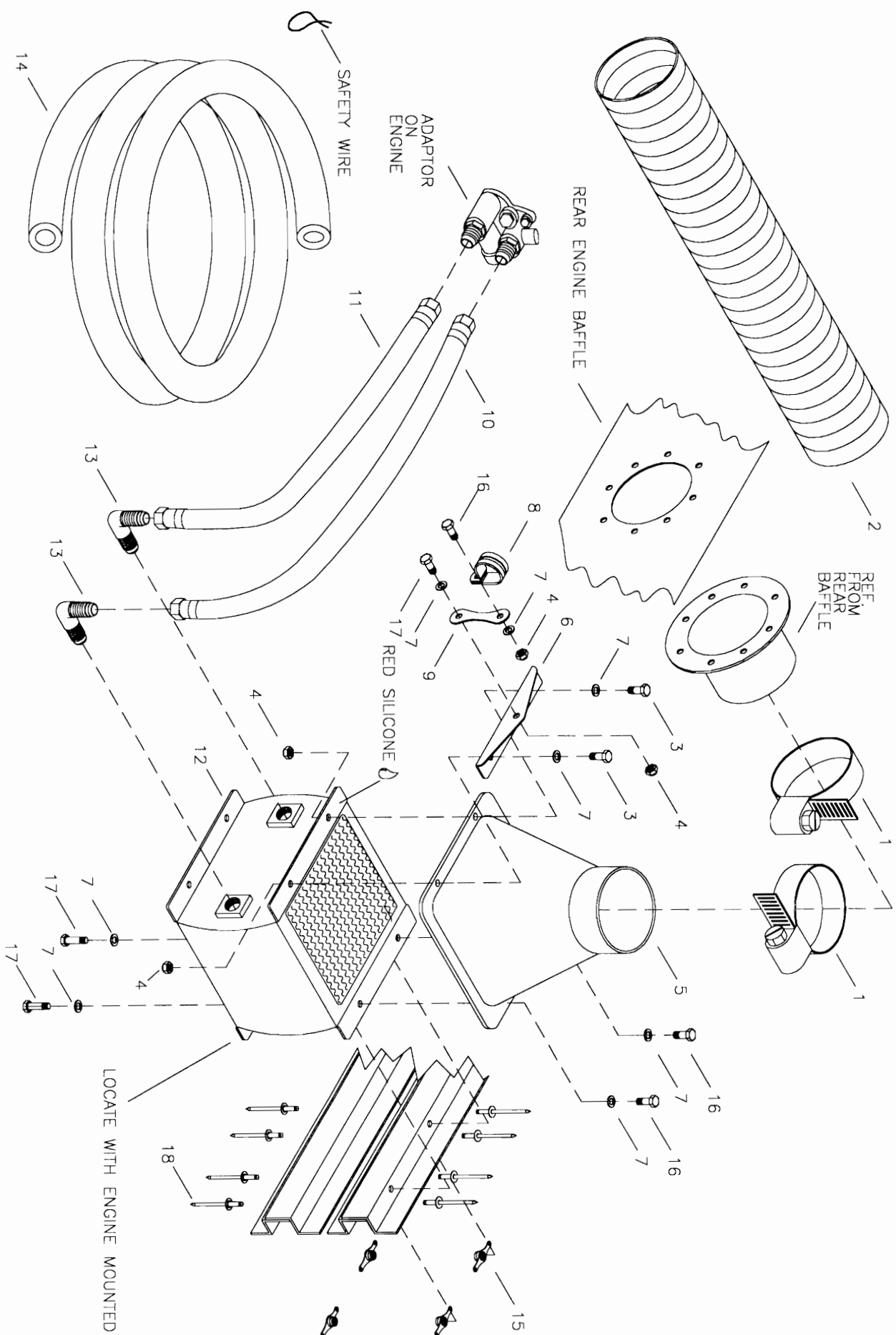


RRRMMSS S-16 SHEKARI IO-240 THROTTLE & MIXTURE CONTROL

S-16 SHEKARI - IO-240 THROTTLE & MIXTURE CONTROL

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Throttle Cable	KSPW0058	1
2.	Mixture Cable	KSPW0059	1
3.	Rubber Grommet *	-----	0
4.	Safety Wire	-----	0
5.	Throttle Cable Bracket	KPPW0143	1
6.	Hose Clamp	5-5228	1
7.	1/4" Bolt	AN4-4A	1
8.	1/4" Thin Washer	AN960-416L	1
9.	3/16" Bolt	AN3-7	2
10.	3/16" Thick Washer	AN960-10	6
11.	Female Rod End	NF-3	2
12.	3/16" Castle Nut	AN310-3	2
13.	Small Cotter Pin	MS24665-134	2
14.	Hose Clamp	5-5236	1
15.	Air Filter, IO-240	KSPW0033	1
16.	1/4" Loc Washer	AN935-416L	1
17.	Manifold Plug	KPPW0154	1

*Reference Baffles.

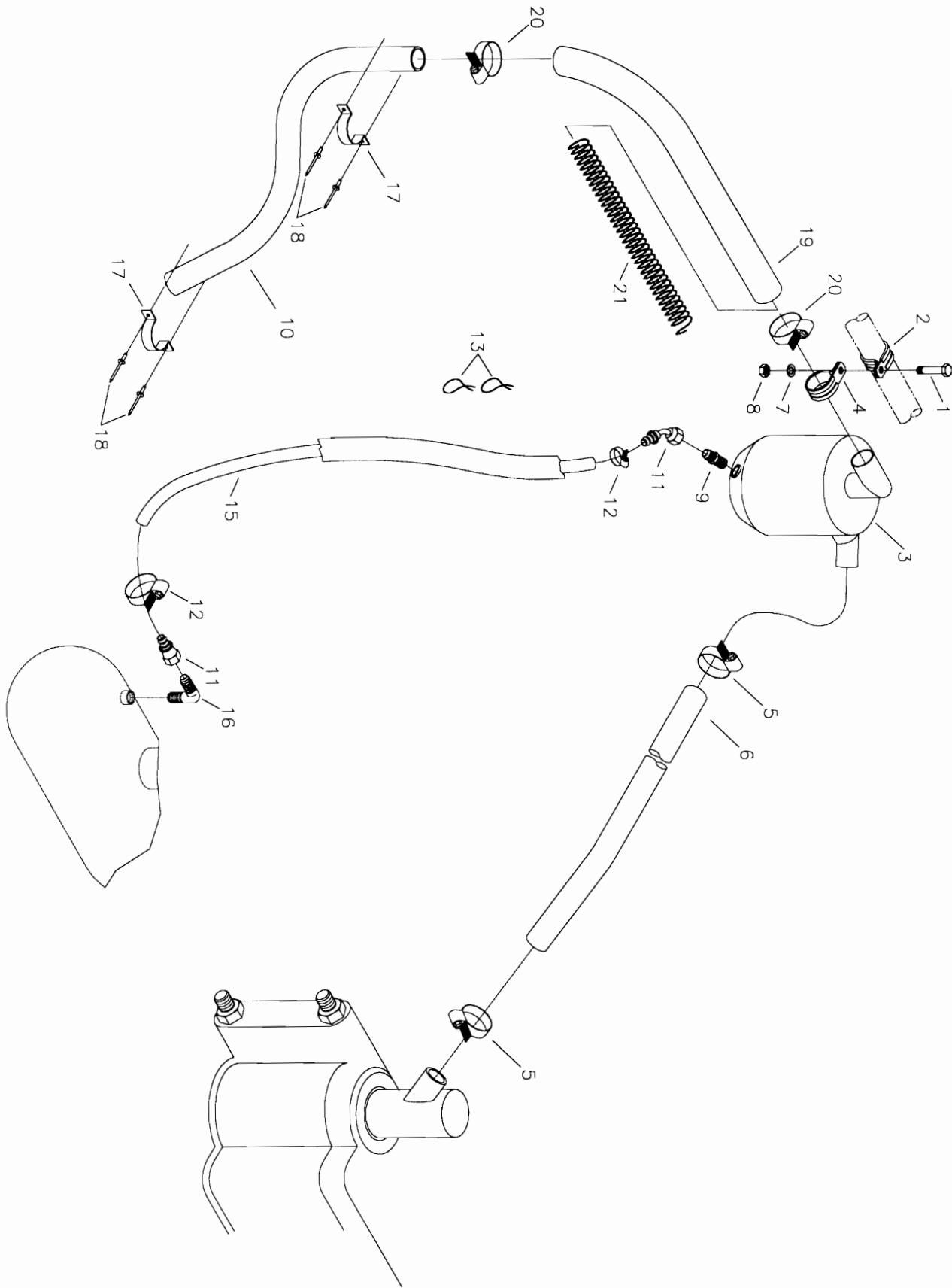


RR100 S-16 SHEKARI
10-240 OIL COOLER ASSEMBLY

S-16 SHEKARI - IO-240 OIL COOLER ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Hose Clamp	5-5248	2
2.	Hose - 3"	KPPW0155	18 in
3.	3/16" Bolt	AN3-5A	2
4.	3/16" Shear Nut	AN364-1032A	4
5.	Shroud - Oil Cooler	KPPW0140	1
6.	Oil Cooler Mount Angle	KPPW0132	1
7.	3/16" Thin Washer	AN960-10L	10
8.	Cushioned Clamp	MS21919-WDG12	1
9.	Hummertang	T12-HT6	1
10.	Oil Hose - Short	KSPW0036	1
11.	Oil Hose - Long	KSPW0035	1
12.	Oil Cooler *	-----	0
13.	90 degree Elbow	AN822-8D	2
14.	Firesleeve	KSPW0052	36 in
15.	3/16" Nut Plate	K-1000-3	4
16.	3/16" Bolt	AN3-4A	3
17.	3/16" Bolt	AN3-3A	3
18.	3/32" Aluminum Rivet	40APR1/8	8

*Supplied with Engine.



RAMS S-16 SHEKARI
IO-240 CRANKCASE BREATHER ASSEMBLY

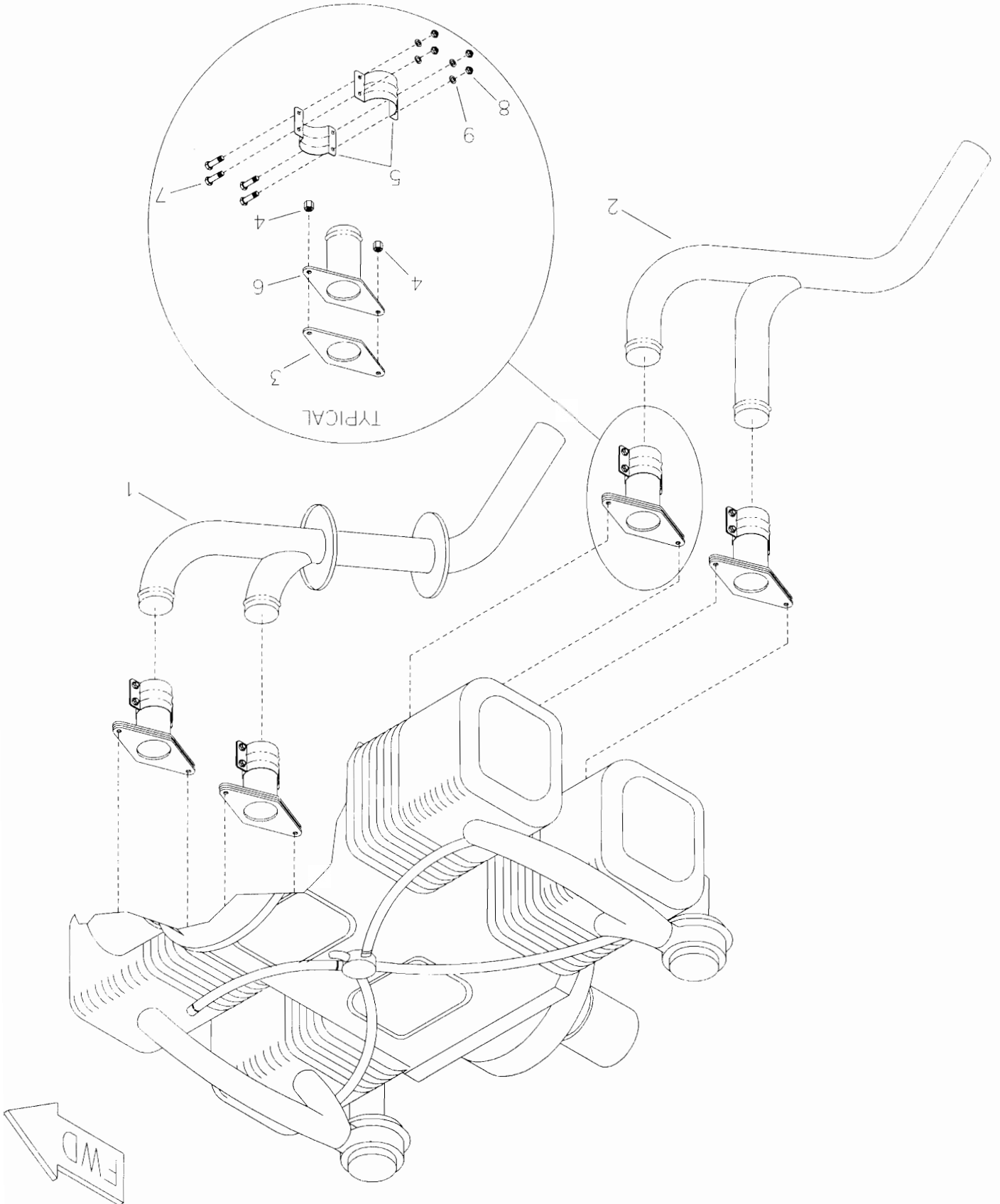
S-16 SHEKARI - IO-240 CRANKCASE BREATHER ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-4A	1
2.	Cushioned Clamp	MS21919-WDG12	1
3.	Breather Bottle *	-----	0
4.	Cushioned Clamp	MS21919-WDG16	1
5.	Hose Clamp	5-5212	2
6.	3/4" Heater Hose	HEATER HOSE 3/4	24 in
7.	3/16" Thin Washer	AN960-10L	1
8.	3/16" Shear Nut	AN364-1032A	1
9.	Nipple	AN816-6D	1
10.	Breather Tube	KPPW0137	1
11.	Hose Nipple	30682-6-6	2
12.	Hose Clamp	5-6203	2
13.	Safety Wire	SAFETY WIRE	0
14.	Firesleeve	KSPW0052	16 in
15.	3/8" Black Fuel Line	27004	16 in
16.	90 degree Elbow	AN822-6D	1
17.	1" U-Strap	KPPW0153	2
18.	1/8" Aluminum Rivet	AAPQ-42	4
19.	1" Black Hose	HEATER HOSE 1	12 in
20.	Hose Clamp	5-5216	2
21.	Coolant Recovery Clamp	EGCS-HS	1

*Supplied with Engine.

RPM S-16 SHEKARI IO-240 EXHAUST ASSEMBLY

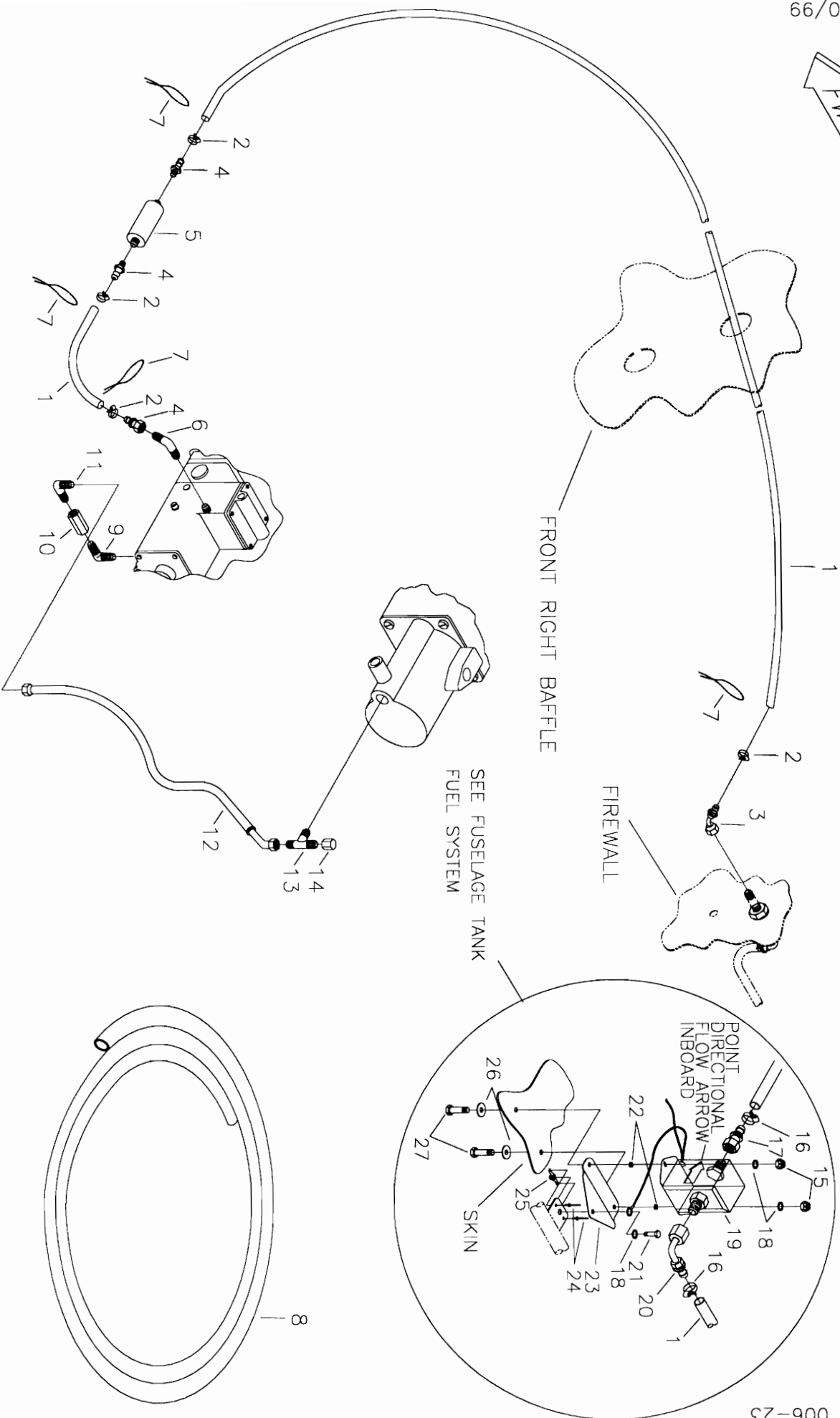
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S-16 SHEKARI - IO-240 EXHAUST ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Exhaust Manifold - LH	KAEX0010	1
2.	Exhaust Manifold - RH	KAEX0011	1
3.	Exhaust Flange Gasket *	----	0
4.	5/16" Nut *	----	0
5.	Exhaust Clamp	KSPW0048	8
6.	Exhaust Stub	KAEX0014	4
7.	3/16" Bolt	AN3-4A	16
8.	3/16" Stainless Steel Tensile Nut	AN365-1032C	16
9.	3/16" Thick Washer	AN960-10	16

*Supplied with Engine.

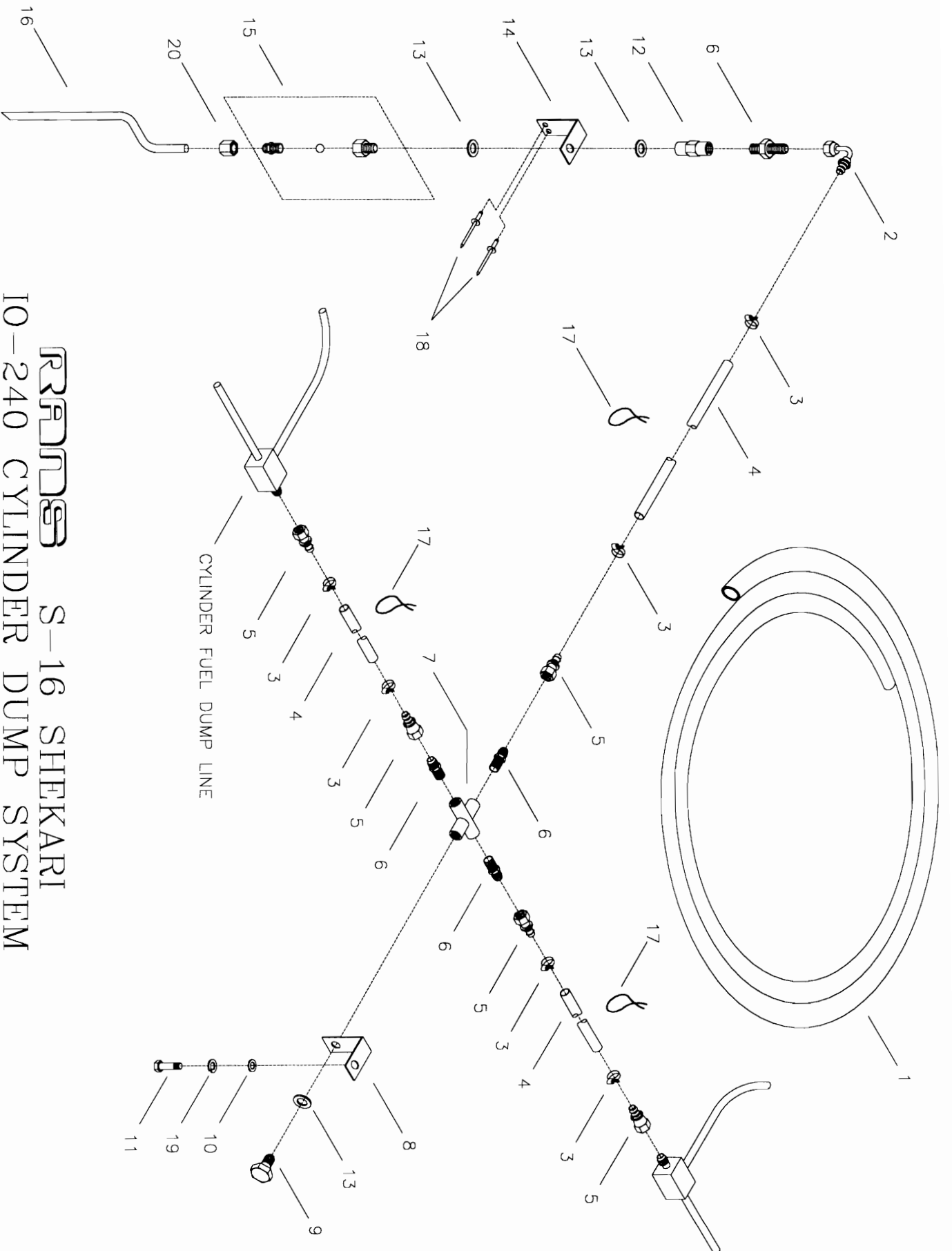


S-16 SHEKARI IO-240 FUEL SUPPLY ASSEMBLY

S-16 SHEKARI - IO-240 FUEL SUPPLY ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/8" Black Fuel Line	27004	48 in
2.	Hose Clamp	5-6203	4
3.	45 degree Fitting	33782-6-6	1
4.	Hose Nipple	30682-6-6	3
5.	Inline Fuel Filter	KSPW0044	1
6.	Elbow *	----	0
7.	Safety Wire	SAFETY WIRE	1
8.	Firesleeve	KSPW0052	48 in
9.	Elbow *	----	0
10.	Coupling *	----	0
11.	Elbow *	----	0
12.	Hose *	----	0
13.	Tee *	----	0
14.	Cap *	----	0
15.	3/16" Shear Nut	AN364-1032A	2
16.	Hose Clamp	5-6203	2
17.	Hose Nipple	30682-6-6	1
18.	3/16" Thick Washer	AN960-10	3
19.	Fuel Pump	KSFS0019	1
20.	90 degree Fitting	33982-6-6	1
21.	3/16" Bolt	AN3-3A	1
22.	Rubber Grommet	KSAC0002	2
23.	Fuel Pump Mount Bracket	KPFS0024	1
24.	3/32" Aluminum Rivet	40APR1/8	2
25.	3/16" Nut Plate	K-1000-3	1
26.	Countersunk Washer	NAS1169-10L	2
27.	3/16" Countersunk Machine Bolt	AN509-1032R14	2

*Supplied with Engine.



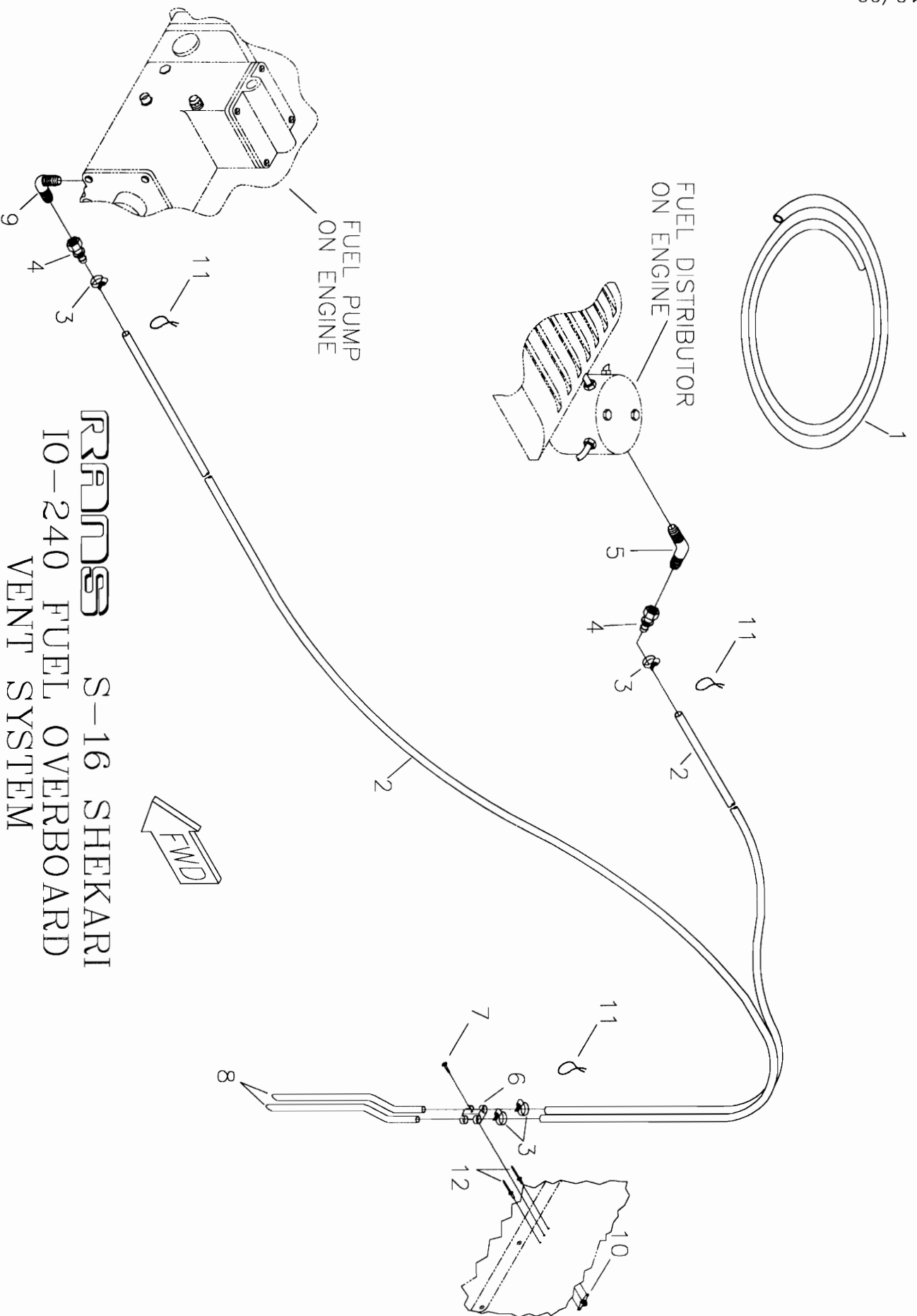
RRM S-16 SHEKARI IO-240 CYLINDER DUMP SYSTEM

S-16 SHEKARI - IO-240 CYLINDER DUMP SYSTEM

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Firesleeve	KSPW0053	36 in
2.	90 degree Fitting	33982-4-4	1
3.	Small Hose Clamp	5-6202	6
4.	1/4" Black Fuel Line	KSFS0002	36 in
5.	Hose Nipple	30682-4-4	5
6.	Nipple	AN816-4D	4
7.	Four Way Cross	AN918-1	1
8.	Four Way Cros Cylinder Dump Mount	KPPW0142	1
9.	1/8" Pipe Plug	KSPW0049	1
10.	5/16" Thick Washer	AN960-516	1
11.	5/16" Bolt	KSHW0064	1
12.	1/8" Pipe Coupling	3-20320	1
13.	3/8" Thick Washer	AN960-616	3
14.	Bracket **	KAAC0028-2	0
15.	Check Valve Assembly *	-----	0
16.	Vent Line, 1/4" x .028 x 12"	KAAC0028-1	0
17.	Safety Wire	SAFETY WIRE	0
18.	1/8" Aluminum Rivet	AAPQ-41	2
19.	5/16" Loc Washer	AN935-516	1
20.	Captive Ferrule & Nut	KSBS0024	1

*Supplied with Engine.

**Builder must fabricate from raw stock.

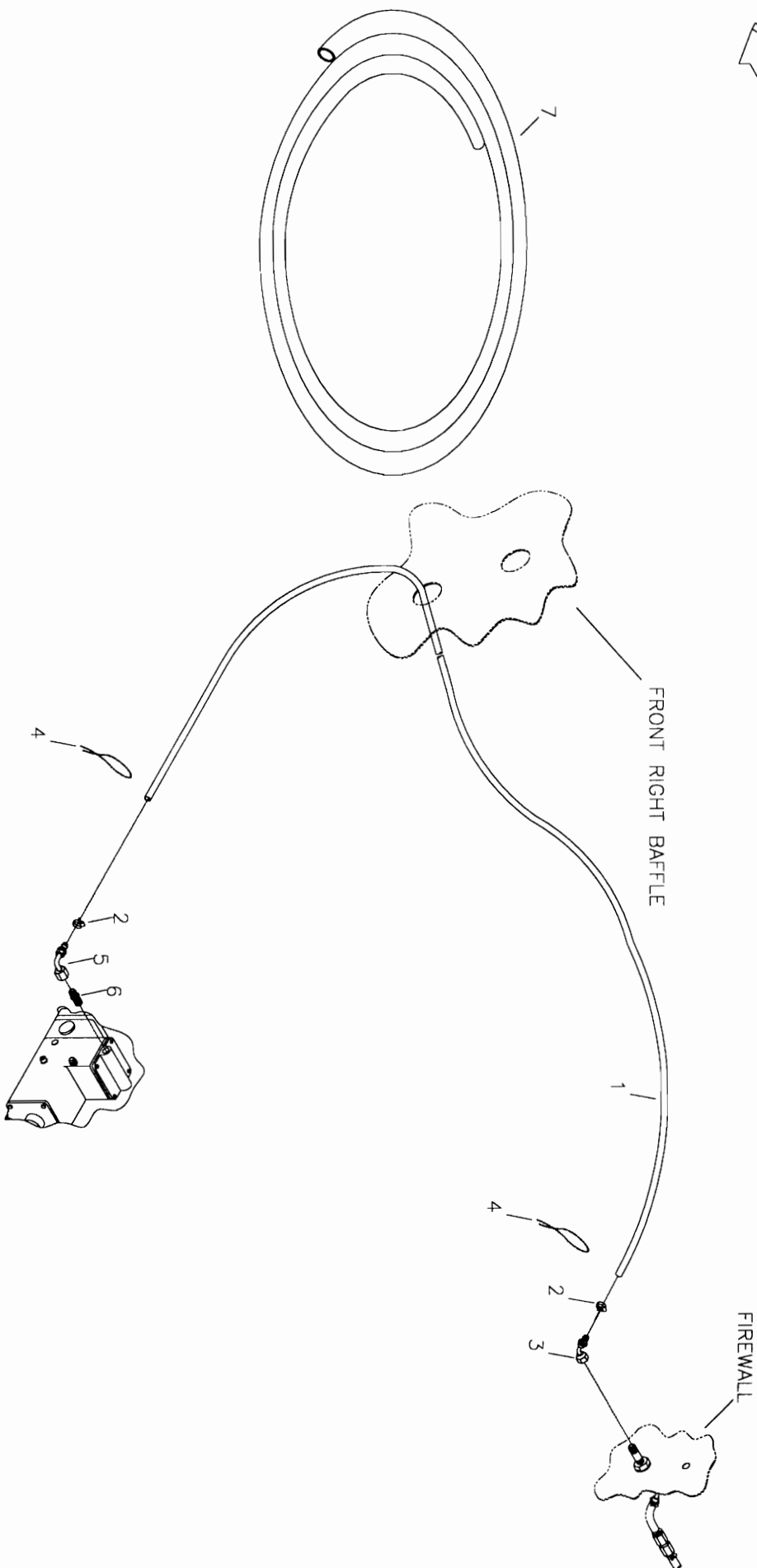


S-16 SHEKARI
IO-240 FUEL OVERBOARD
VENT SYSTEM

S-16 SHEKARI - IO-240 FUEL OVERBOARD VENT SYSTEM

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Firesleeve	KSPW0053	66 in
2.	1/4" Black Fuel Line	KSFS0002	66 in
3.	Small Hose Clamp	5-6202	4
4.	Hose Nipple	30682-4-4	2
5.	45 degree Elbow *	-----	0
6.	Clip - Fuel System	KSAC0040	1
7.	#8 Machine Bolt	AN526-832R16	1
8.	Vent Line, 1/4" x .028 x 12"	KAAC0028-1	0
9.	Elbow *	-----	0
10.	8-32 Nut Plate	MS21047-08	1
11.	Safety Wire	SAFETY WIRE	0
12.	3/32" Aluminum Rivet	40APR1/8	2

*Supplied with Engine.

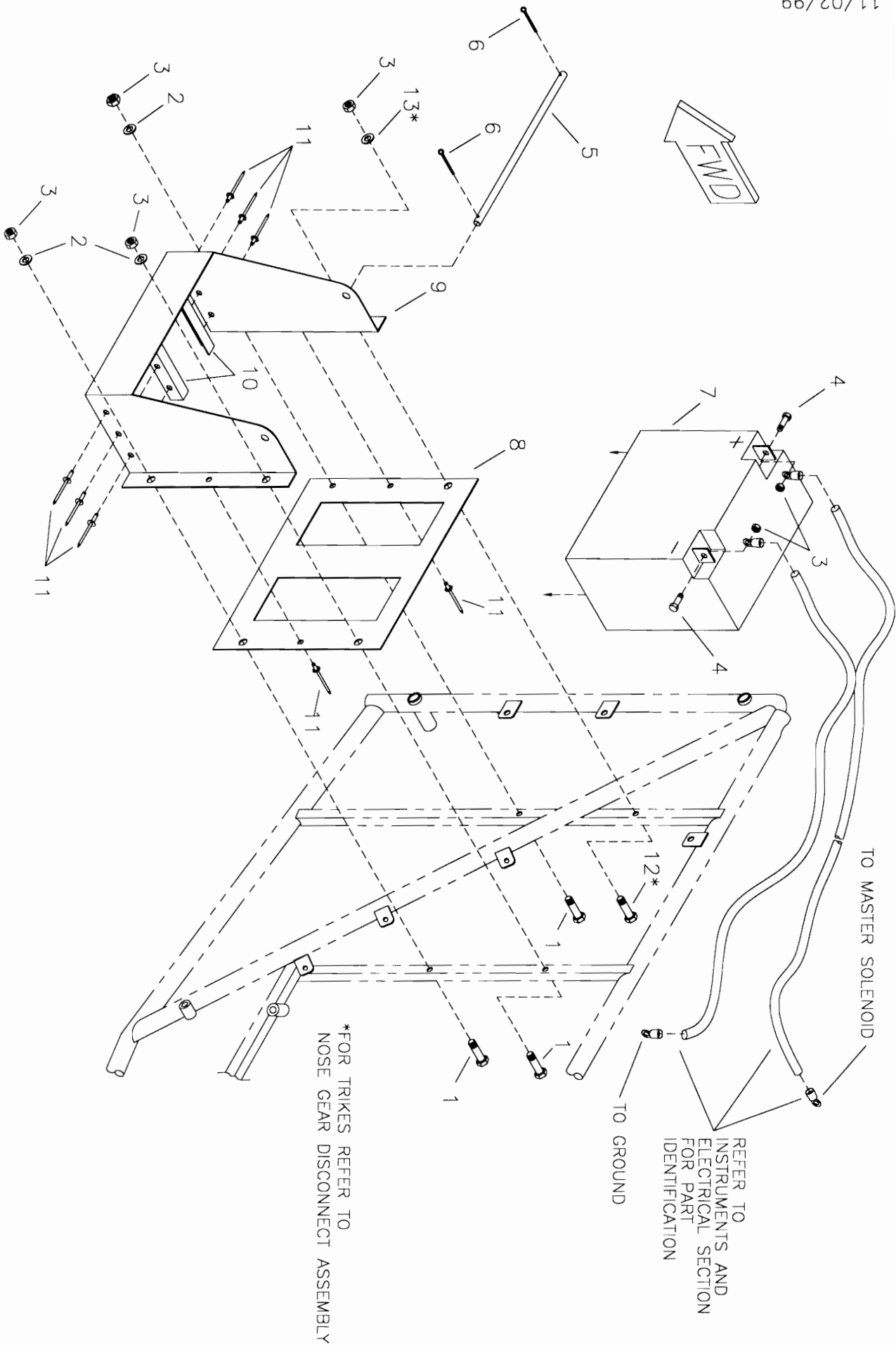


RETURN S-16 SHEKARI IO-240 VAPOR RETURN SYSTEM

S-16 SHEKARI - IO-240 VAPOR RETURN ASSEMBLY

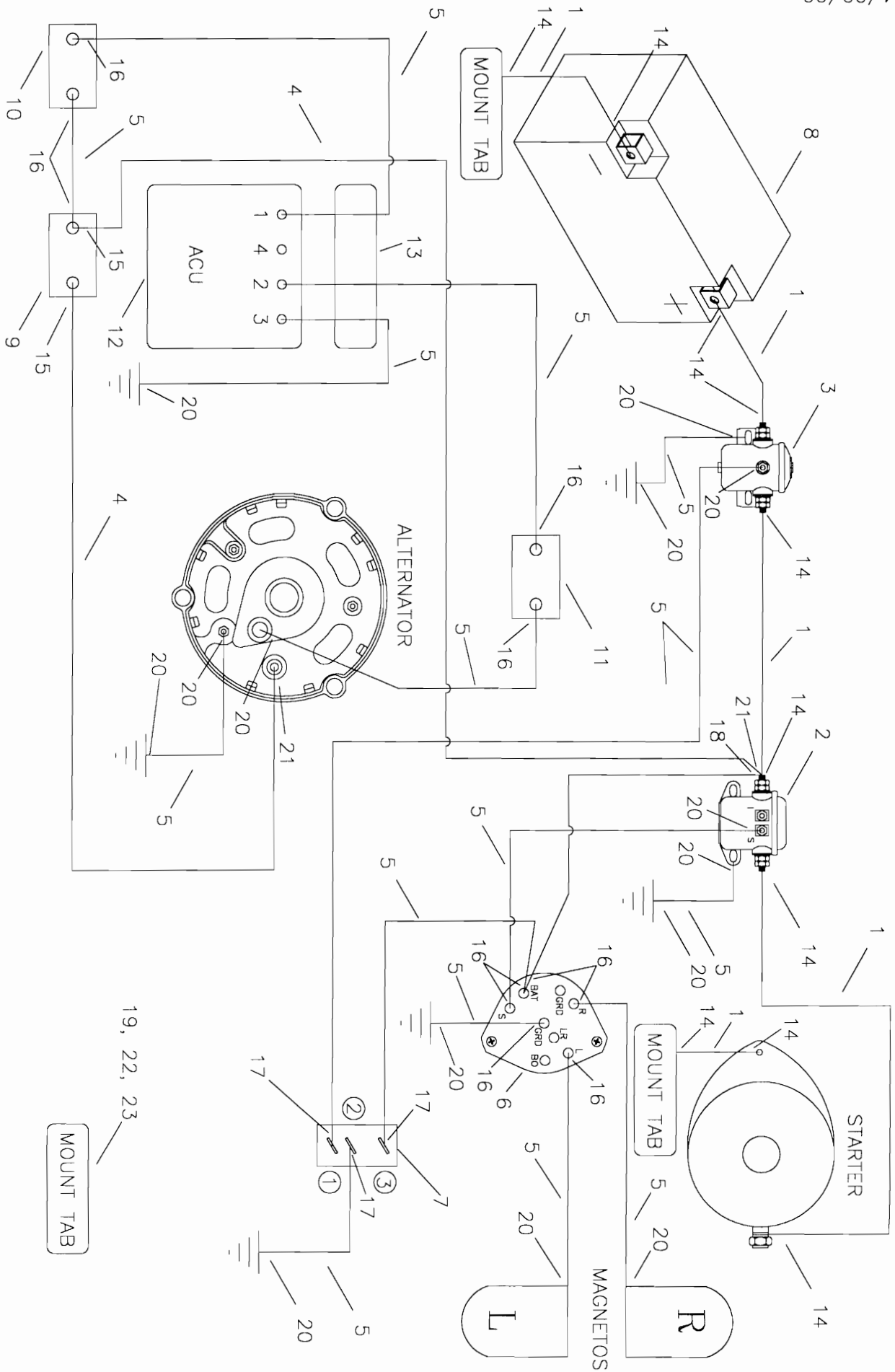
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4" Black Fuel Line	KSFS0002	48 in
2.	Small Hose Clamp	5-6202	2
3.	45 degree Fitting	33782-4-4	1
4.	Safety Wire	SAFETY WIRE	0
5.	90 degree Fitting	33982-4-4	1
6.	Nipple	AN816-4D	1
7.	Firesleeve	KSPW0053	48 in

REPAIR S-16 SHEKARI IO-240 BATTERY BOX ASSEMBLY



S-16 SHEKARI - IO-240 BATTERY BOX ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Bolt	AN3-7A	3
2.	3/16" Thin Washer	AN960-10L	3
3.	3/16" Shear Nut	AN364-1032A	6
4.	3/16" Bolt	AN3-3A	2
5.	Battery Bar	BAT-BAR-912	1
6.	Small Cotter Pin	MS24665-134	2
7.	Battery	PS12260-NB	1
8.	Battery Box Mount Plate	KPES0003	1
9.	Battery Box Side Plate	KPES0004	1
10.	Battery Box Support Angle	KPES0005	2
11.	1/8" Aluminum Rivet	AAPQ-42	10
12.	3/16" Bolt (TD Only)	AN3-7A	1
13.	3/16" Thin Washer (TD Only)	AN960-10L	1

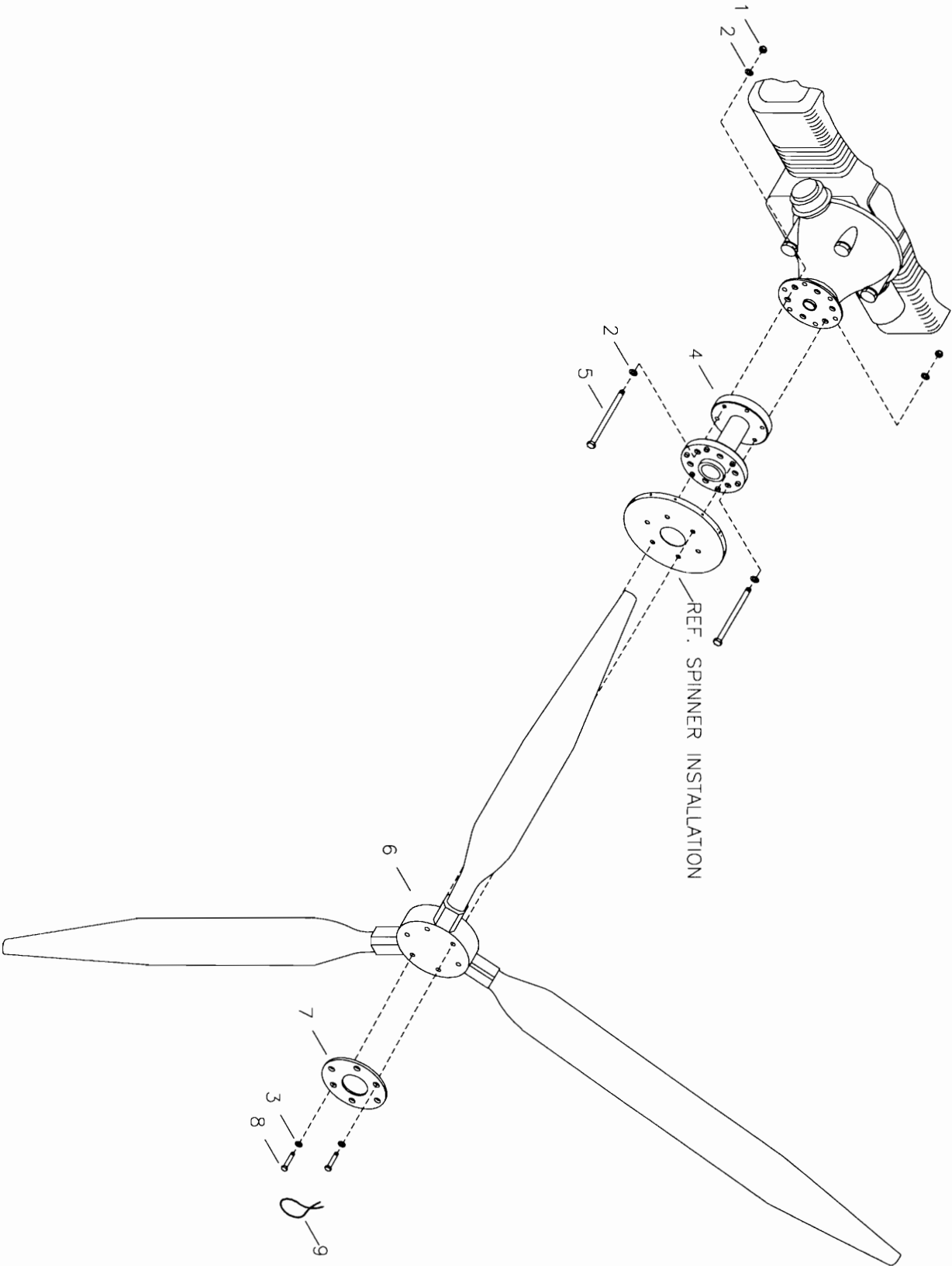


RRR S-16 SHEKARI
IO-240 ELECTRICAL SYSTEM ASSEMBLY

S-16 SHEKARI - IO-240 ELECTRICAL SYSTEM

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	4 Gauge Battery Cable, Black Wire	4 GA WIRE/BLACK	6 ft
2.	Starter Solenoid	KSPW0040	1
3.	Master Solenoid	KSPW0045	1
4.	10 Gauge White Wire	10 GA WIRE/WHITE	7 ft
5.	14 Gauge Black Wire	14 GA WIRE/BLACK	30 ft
6.	IGN Switch	KSPW0039	1
7.	Master Switch	KSES0017	1
8.	Battery *	-----	0
9.	60 AMP Breaker	KSES0008	1
10.	5 AMP Breaker	KSES0015	1
11.	Field Switch	KSES0016	1
12.	Regulator, 12v	KSES0006	1
13.	Connector, Regulator	KSES0007	1
14.	4 Gauge Eye Cable Terminal	4 GA CABLE LUG	10
15.	12 Gauge 5/32" Eye Terminal	35149	2
16.	14 Gauge Eye Terminal	KSES0003	11
17.	14 Gauge Female Spade Terminal, Blue	IP-7128	3
18.	14 Gauge 5/16" Eye Terminal	5/16 I TERM	1
19.	3/16" Shear Nut	AN364-1032A	1
20.	14 Gauge Eye Terminal, Blue, 3/16"	IP-7102	15
21.	12 Gauge 5/16" Eye Terminal	12 GA EYE 5/16	2
22.	3/16" Bolt	AN3-5A	1
23.	3/16" Thin Washer	AN960-10L	2

*Referenced from Battery Box Assembly.

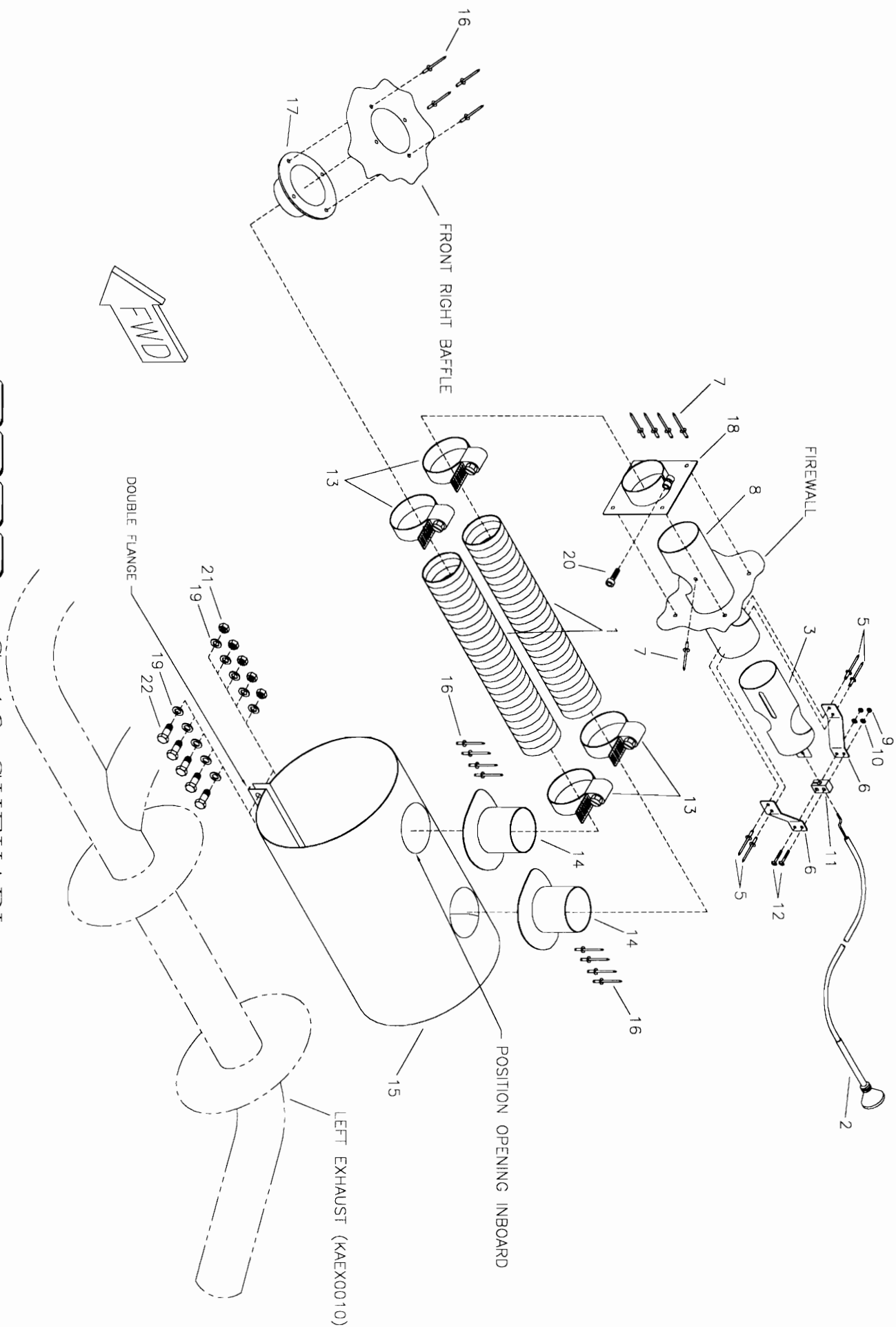


REPLACES S-16 SHEKARI
IO-240 PROP EXTENSION ASSEMBLY

S-16 SHEKARI - IO-240 PROP EXTENSION ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/2" Tensile Nut	AN365-820A	6
2.	1/2" Thin Washer	AN960-816L	12
3.	3/8" Thick Washer	AN960-616	6
4.	Prop Extension	KSPW0041	1
5.	1/2" Bolt	AN8-65A	6
6.	Warp Drive Propeller	KSPW0037	1
7.	Crush Plate	KSPW0042	1
8.	3/8" Bolt	AN6H-34A	6
9.	Safety Wire	-----	0

RRM S-16 SHEKARI
IO-240 OPTIONAL CABIN HEAT ASSEMBLY



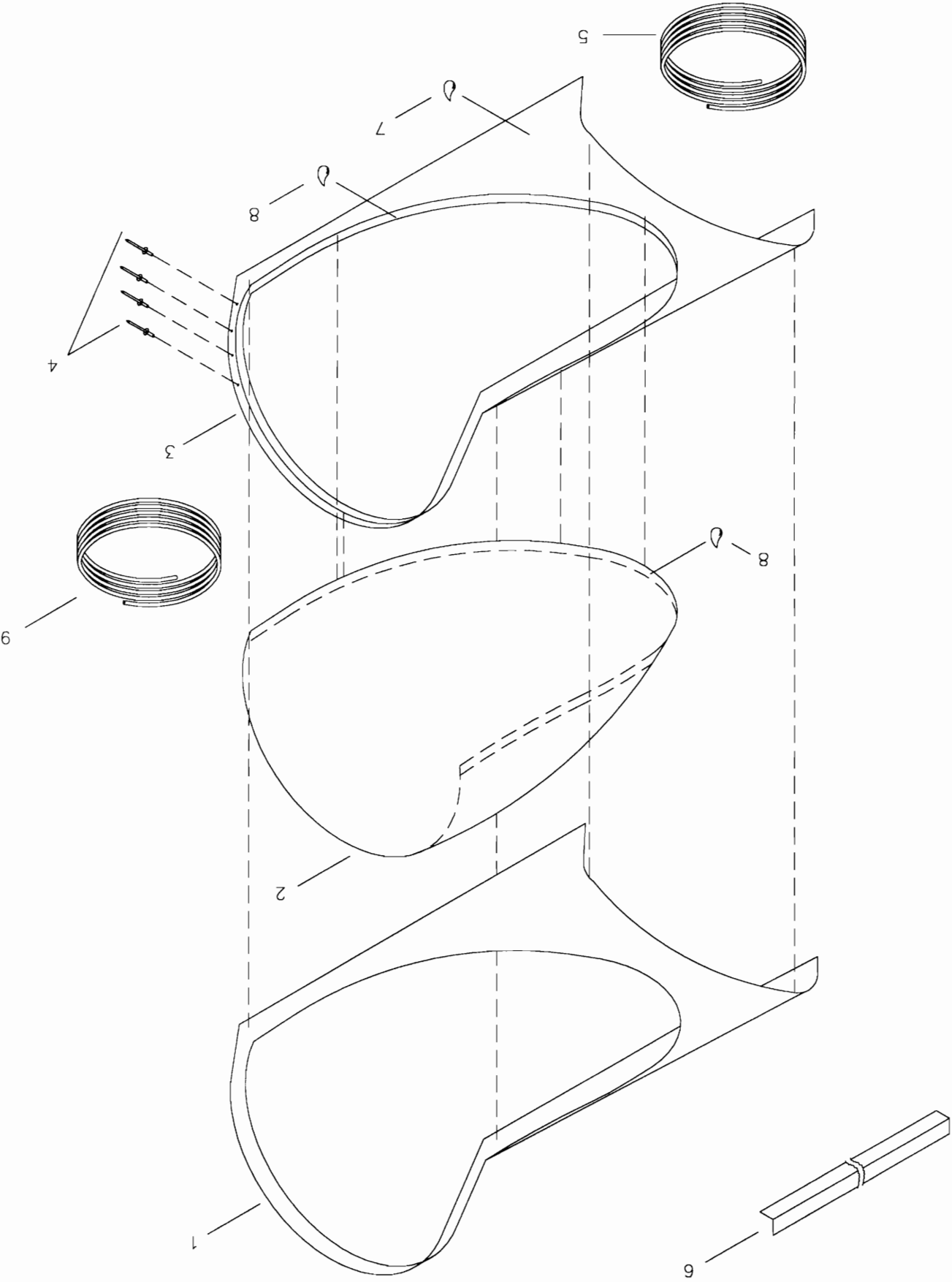
S-16 SHEKARI - IO-240 OPTIONAL CABIN HEAT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	2" Heater Duct	KPSY0046	4 ft
2.	Heater Control Cable - Rachet	KSCS0015	1
3.	Heater Diverter - Valve	KPSY0042	1
4.	Bonnett	KPSY0036	1
5.	1/8" Aluminum Rivet	AAPQ-44	4
6.	Bracket	KPSY0035	2
7.	1/8" Aluminum Rivet	AAPQ-41	5
8.	Heater Diverter - Valve Body	KPSY0041	1
9.	Shear Nut	MS21083N04	2
10.	1/8" Brass Washer	AN960-B4	2
11.	Heater Diverter - Friction Block	KPSY0034	1
12.	Machine Screw	MS35214-20	2
13.	Hose Clamp	5-5228	4
14.	Wrap Flange	KPSY0039	2
15.	Heater Wrap	KPSY0044	1
16.	1/8" Aluminum Rivet	AAPQ-42	12
17.	Heater Diverter - Intake	KPSY0040	1
18.	Firewall Flange	KPSY0038	1
19.	3/16" Thick Washer	AN960-10	10
20.	6MM Bolt *	-----	0
21.	3/16" Stainless Steel Tensile Nut	AN365-1032C	5
22.	3/16" Bolt	AN3-3A	5

*Included with Firewall Flange.

RMS S-16 SHEKARI CANOPY SHELL ASSEMBLY

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S-16 SHEKARI - CANOPY SHELL ASSEMBLY

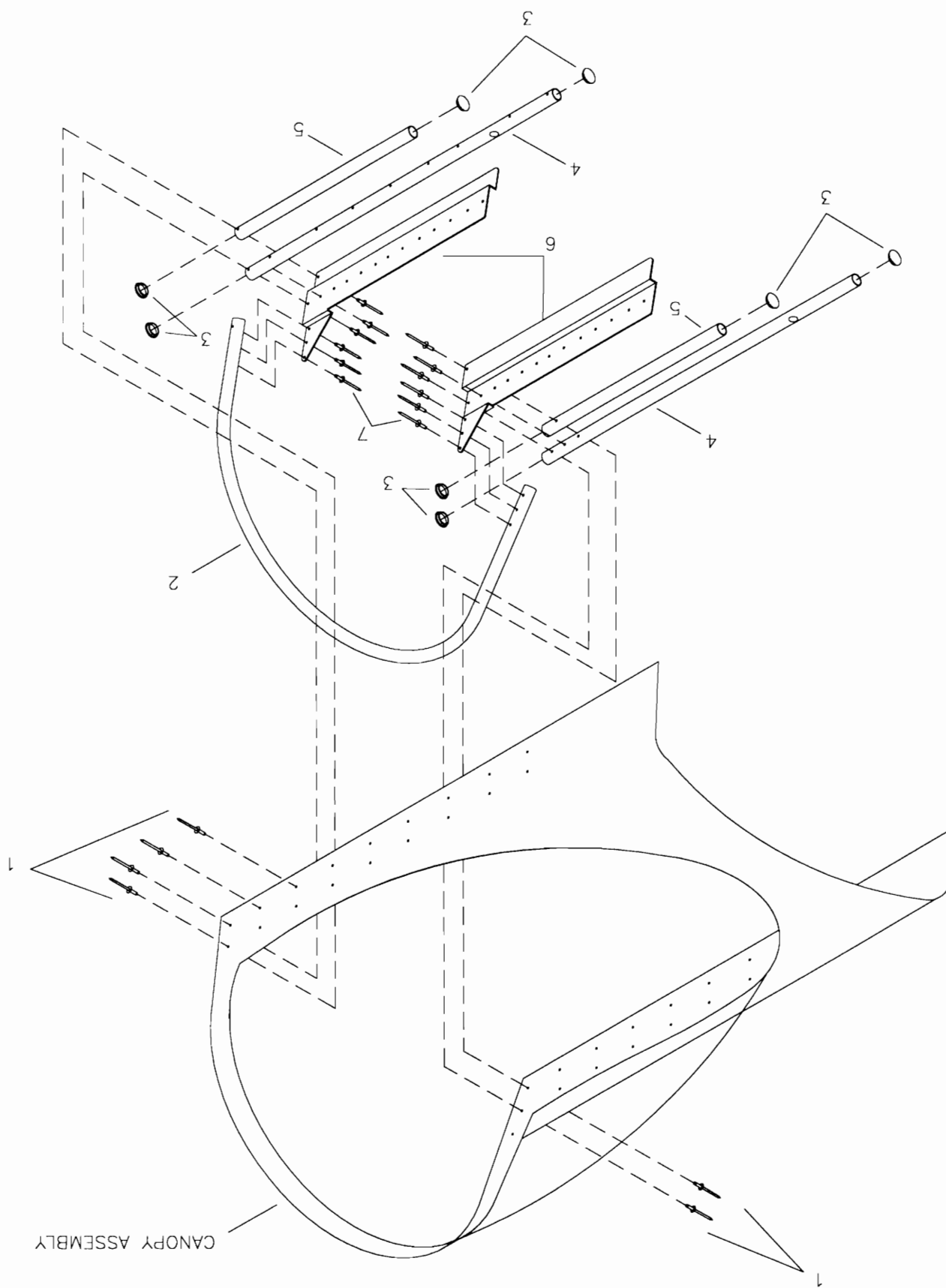
#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Outer Shell - Canopy Frame	KPFU0223	1
2.	Acrylic Bubble	KPWS0011	1
3.	Inner Shell - Canopy Frame	KPFU0192	1
4.	1/8" Aluminum Flush Rivet	AACQ-43	25
5.	Foam Seal - FWD	KSAC0037	50 in
6.	Aluminum Strip, 1" x .020 x 48" **	KAAC0012-21	0
7.	Epoxy Adhesive (1 tube)	DP-460	3
8.	Clear Silicone *	-----	0
9.	Foam Seal - AFT	KSAC0013	66 in

*Builder supplied.

**Builder must fabricate from raw stock.

RFP S-16 SHEKARI CANOPY FRAME ASSEMBLY

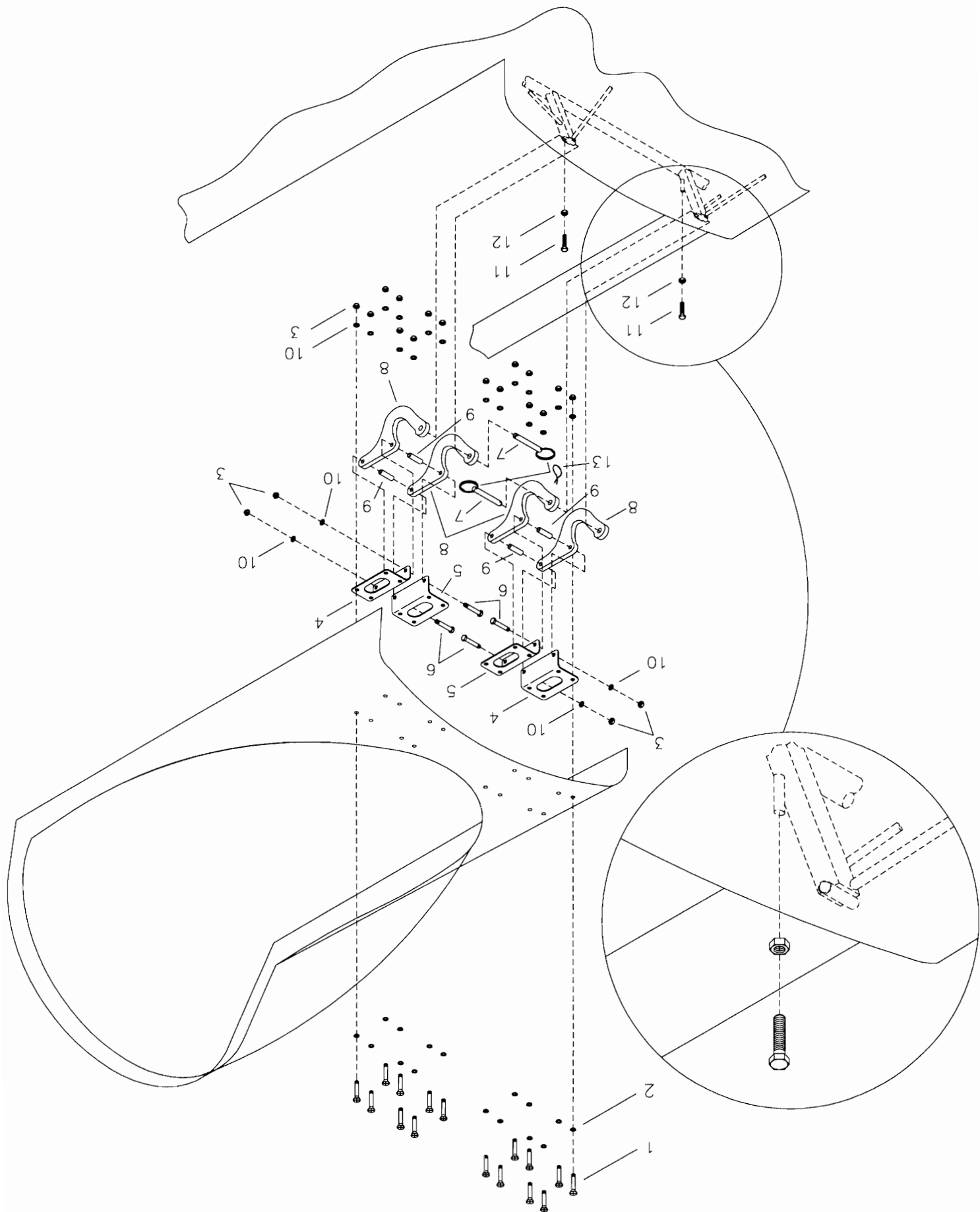
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S-16 SHEKARI - CANOPY FRAME ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/8" Aluminum Flush Rivet	AACQ-43	52
2.	Canopy Former	KPFU0227	1
3.	7/8" End Cap	CS-EC	8
4.	Canopy Side Former - Upper	KPFU0232	2
5.	Canopy Side Former - Lower	KPFU0233	2
6.	Stiffener - Canopy - Left	KPFU0226-L	1
6.	Stiffener - Canopy - Right	KPFU0226-R	1
7.	1/8" Stainless Steel Rivet	CCPQ-42	52

*Builder must fabricate from raw stock.



RMS S-16 SHEKARI CANOPY HINGE ASSEMBLY

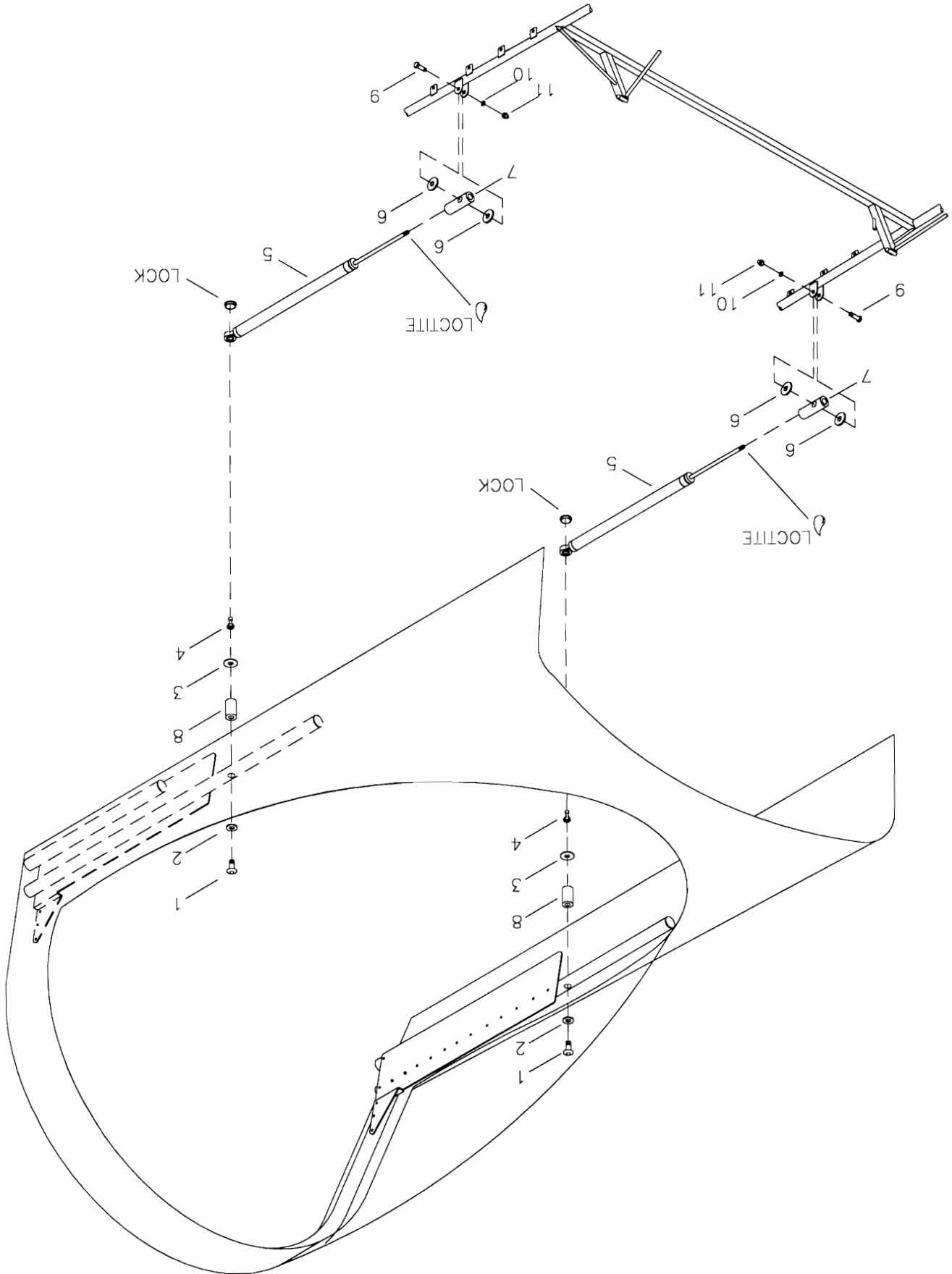
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#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/16" Countersunk Machine Bolt	MS24694S50	16
2.	Countersunk Washer	NAS1169-10L	16
3.	3/16" Shear Nut	AN364-1032A	20
4.	Outer Canopy Attach Angle	KPFU0187	2
5.	Inner Canopy Attach Angle	KPFU0186	2
6.	3/16" Bolt	AN3-20A	4
7.	1/4" Quick Pin	PIN 1/4X1.5	2
8.	Canopy Hinge	KPDR0018	4
9.	Aluminum Bushing, 3/8" x .095 x.96" *	KAAC0012-18	0
10.	3/16" Thin Washer	AN960-10L	20
11.	1/4" Plain Bolt	1/4X1 BOLT	2
12.	1/4" Plain Nut	AN345-416	2
13.	Safety Wire	-----	0

RMS S-16 SHEKARI CANOPY STRUT ASSEMBLY

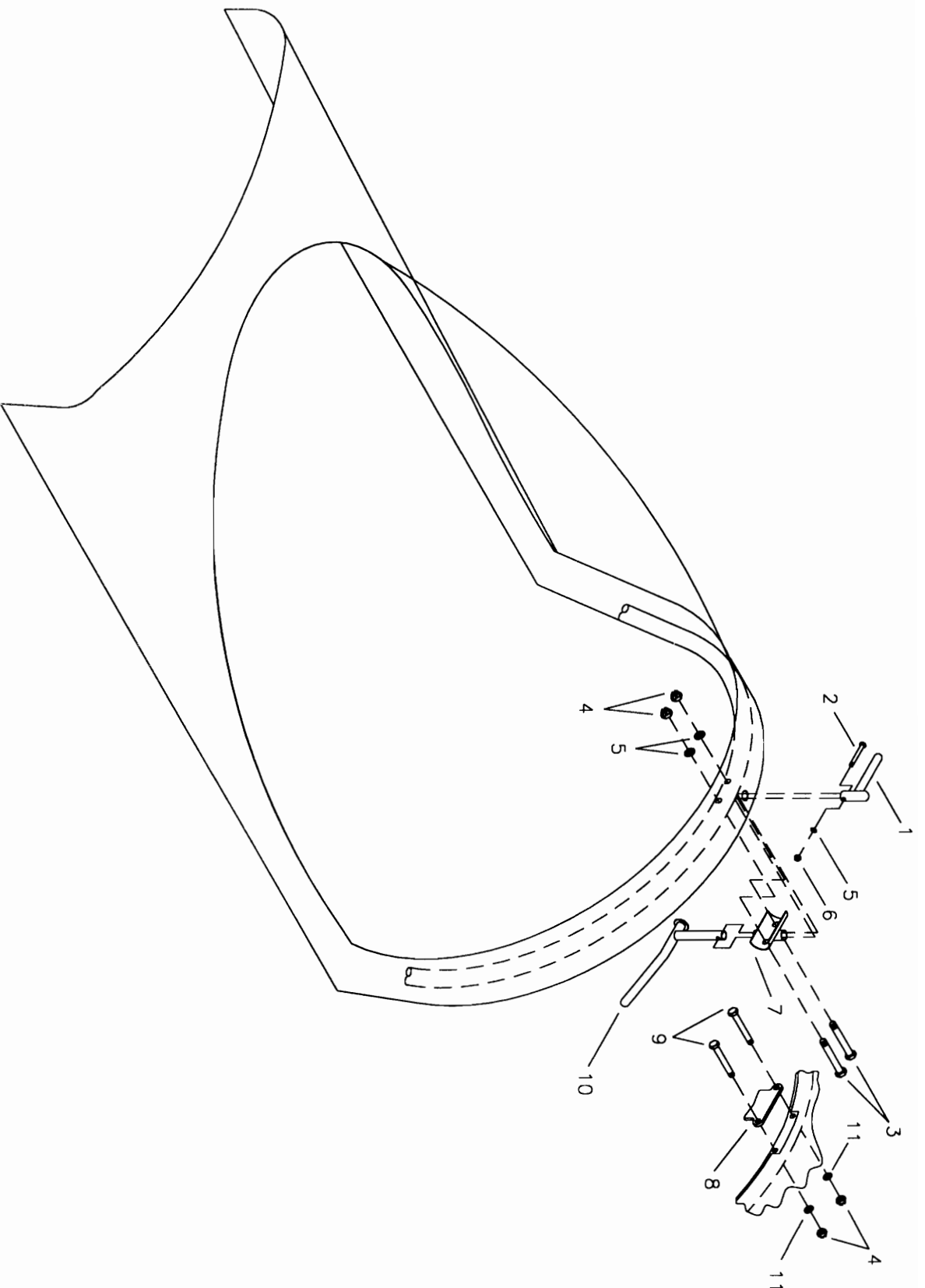
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S-16 SHEKARI - CANOPY STRUT ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	5/16" Button Head Capscrew	KSHW0055	2
2.	5/16" Thin Washer	AN960-516L	2
3.	Formed Washer	KPAC0053	2
4.	Ball Stud	KSHW0021	2
5.	Gas Strut - Canopy	KSDR0003	2
6.	3/16" Plastic Washer	PW-3	4
7.	I-Nut	KPAC0144	2
8.	Spacer Bushing	KPAC0145	2
9.	3/16" Bolt	AN3-10A	2
10.	3/16" Thick Washer	AN960-10	2
11.	3/16" Shear Acorn Nut	22NKM02	2

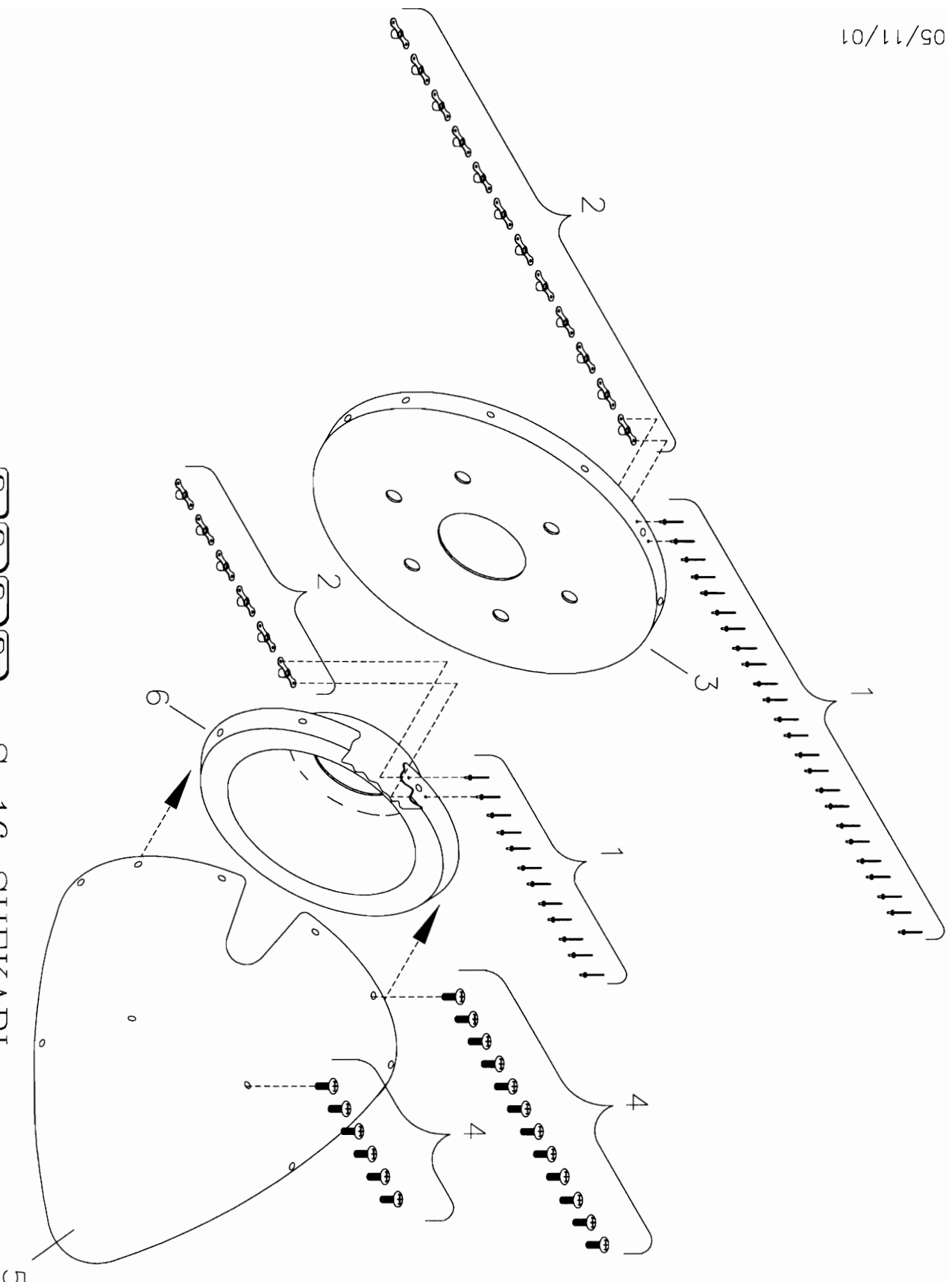
*Builder must fabricate from raw stock.



REVISION S-16 SHEKARI
CANOPY LATCH ASSEMBLY

S-16 SHEKARI - CANOPY LATCH ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Outer Handle, Canopy Latch	KPFU0213	1
2.	3/16" Bolt	AN3-6A	1
3.	3/16" Bolt	AN3-12A	2
4.	3/16" Shear Nut	AN364-1032A	4
5.	3/16" Thin Washer	AN960-10L	3
6.	3/16" Shear Acorn Nut	22NKM02	1
7.	Mount Bracket, Canopy Latch	KPFU0214	1
8.	Canopy Attach Bracket	KPFU0225	1
9.	3/16" Bolt	AN3-14A	2
10.	Inner Handle, Canopy Latch	KPFU0215	1
11.	3/16" Thick Washer	AN960-10	2

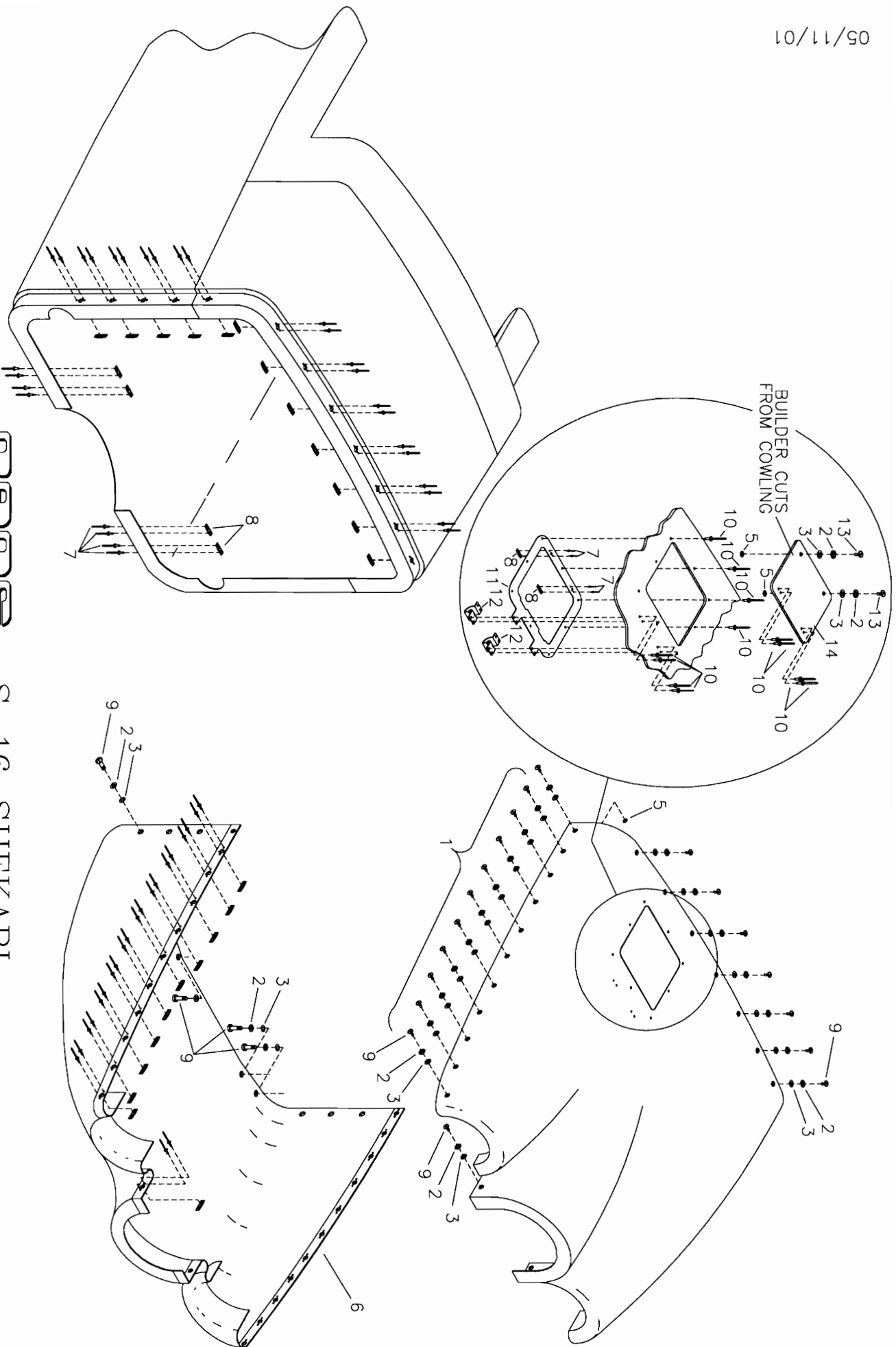


REPAIR S-16 SHEKARI OPTIONAL SPINNER INSTALLATION

S-16 SHEKARI - OPTIONAL SPINNER INSTALLATION

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	3/32" Aluminum Rivet	40APR1/4	24
2.	3/16" Nut Plate	K-1000-3	19
3.	Spinner Backing Plate	KPPW0136	1
4.	Pan Head Phillips Bolt (10-32)	KSHW0006	19
5.	Spinner Dome	KPPW0141	1
6.	Forward Bulkhead *	-----	0

*Included with Spinner.

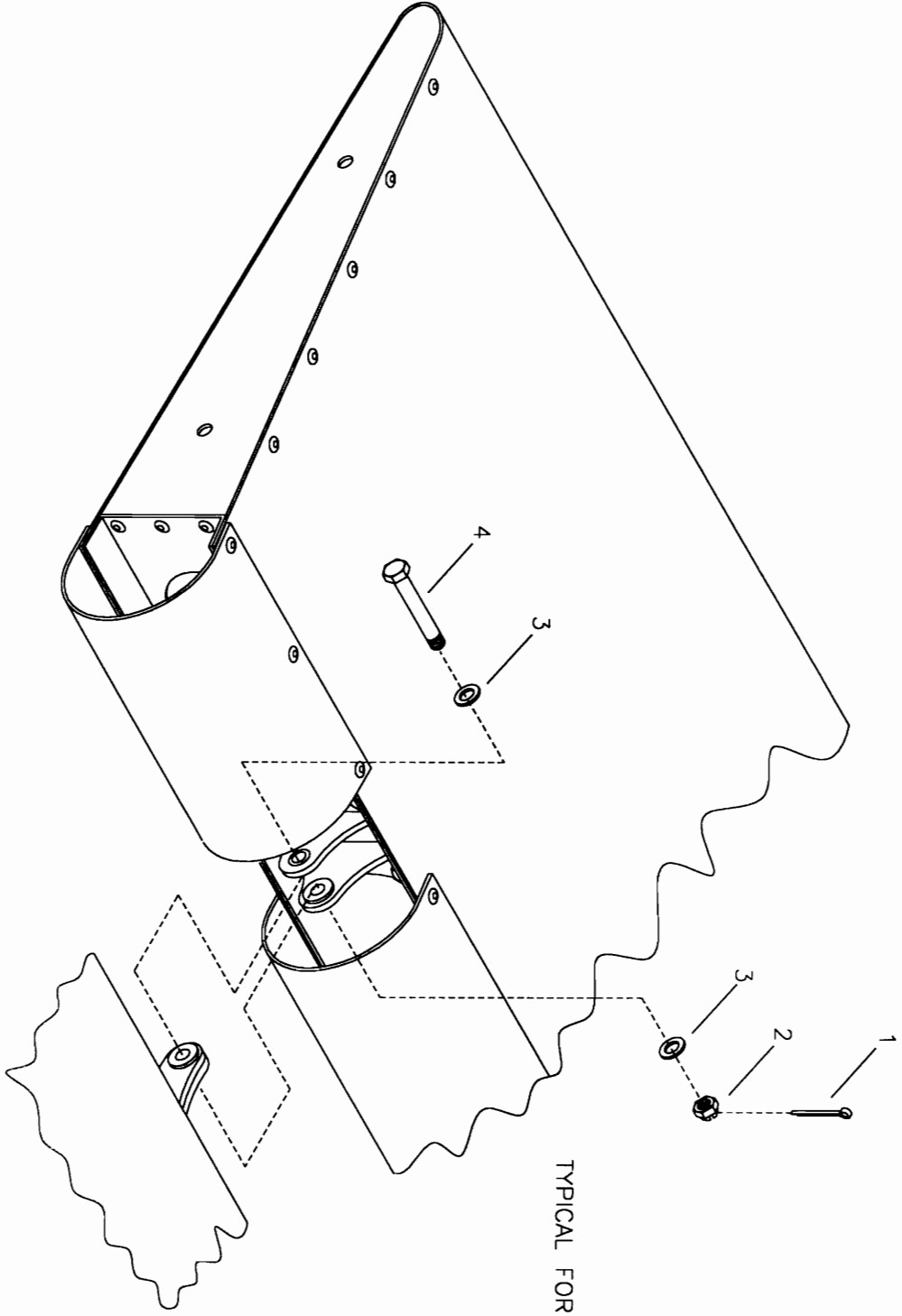


S-16 SHEKARI
OPTIONAL 10-240 COWL ASSEMBLY

S-16 SHEKARI - OPTIONAL IO-240 COWLING ASSEMBLY

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	1/4 Turn Stud	#200	22
2.	Rubber Washer	#201	55
3.	Wear Washer Nylon	#103	55
4.	Cowling Top - IO-240	KPCW0021	1
5.	Snap Ring	#101	51
6.	Cowling Bottom - IO-240	KPCW0022	1
7.	3/32" Aluminum Rivet	40APR1/4	110
8.	Receptacle	#302	55
9.	1/4 Turn Stud	#240	31
10.	1/8" Aluminum Rivet	1691-0410	18
11.	Oil Door Opening	KPCW0015	1
12.	Oil Door Hinge	KSHW0053	2
13.	1/4 Turn Stud	#180	2
14.	Oil Door *	-----	0

*Builder cuts from cowling.



TYPICAL FOR ALL CONTROL SURFACES

RRRMM S-16 SHEKARI
CONTROL SURFACE ATTACHMENT

S-16 SHEKARI - CONTROL SURFACE ATTACHMENT

#	DESCRIPTION	PART NUMBER	QUANTITY
1.	Small Cotter Pin	MS24665-134	16
2.	3/16" Castle Nut	AN310-3	16
3.	3/16" Thin Washer	AN960-10L	32
4.	3/16" Bolt	AN3-11	16