

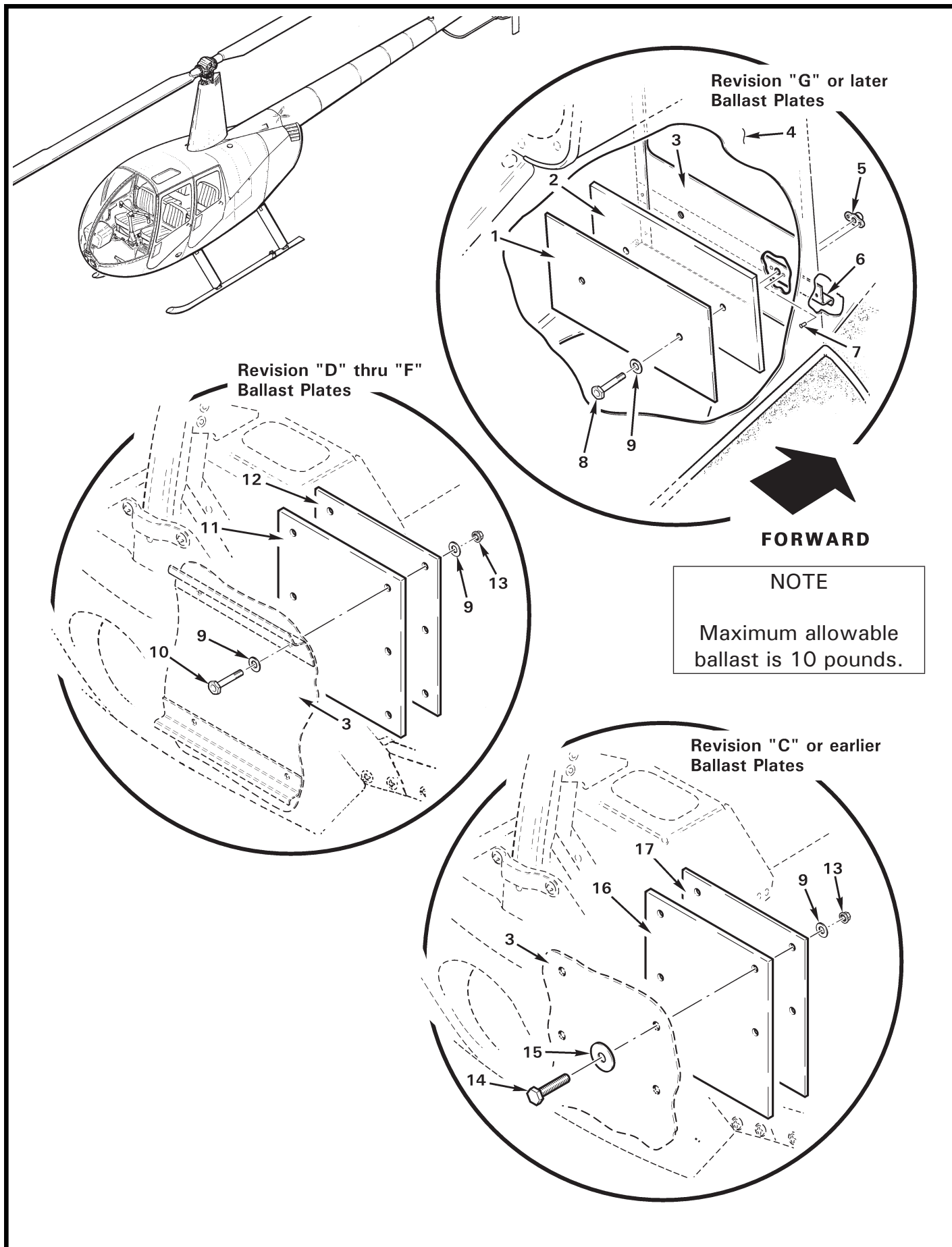


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		BALLAST INSTALLATION			
2-1-1	A941-5*	Ballast Plate (0.25 lb; Rev "G" or later)	X		A/R
2	A941-6*	Ballast Plate (1.25 lb; Rev "G" or later)	X		A/R
3	C361	Console Panel (Ref)			
4	C033	Console Assembly (Ref)			
5	MS21069L3*	Nutplate	X		2
6	C360-4	Stiffener (Ref)			
7	NAS1097AD3*	Rivet	X		4
8	NAS6603-10**	Bolt (thru -32)	X		2
9	NAS1149F0332P*	Washer (or NAS428-3A)	X		2
10	NAS6603-10**	Bolt (thru -32)	X		4
11	A941-3	Ballast Plate (1.00 lb; Rev "D" thru "F")	X		A/R
12	A941-2	Ballast Plate (0.25 lb; Rev "D" thru "F")	X		A/R
13	MS21042L3	Nut	X		4
14	NAS428-3-12	Bolt	X		4
15	AN970-3	Washer	X		4
16	A941-3	Ballast Plate (1.00 lb; Rev "C" or earlier, superseded by item 11.)	X		A/R
17	A941-2	Ballast Plate (0.25 lb; Rev "C" or earlier, superseded by item 12.)	X		A/R
		 *On ships S/N 1712 and higher & 11685 and higher. **Determine proper bolt length per R44 Maintenance Manual Section 1.300.			

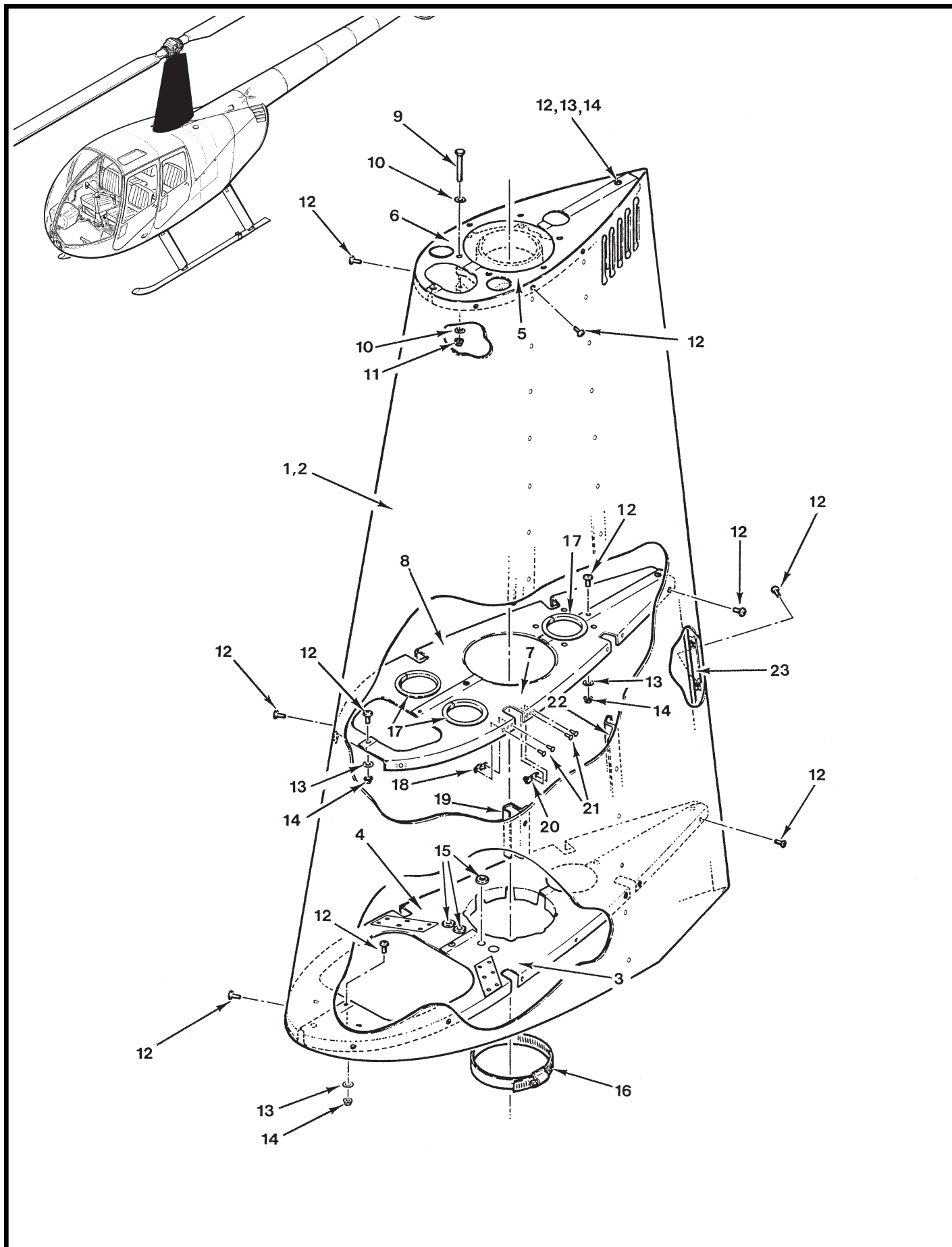


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		MAST FAIRING ASSEMBLY			
2-3-1	C261-1 *	Mast Fairing Assembly (Incl items 2 thru 8, and 12 thru 23)	X		1
2	C261-2	Skin	O		1
3	C261-3	Rib - Lower (LH)	X		1
4	C261-4	Rib - Lower (RH)	X		1
5	C261-5	Rib - Upper (LH)	X		1
6	C261-6	Rib - Upper (RH)	X		1
7	C261-7	Rib - Middle (LH)	X		1
8	C261-8	Rib - Middle (RH)	X		1
9	NAS6603-24	Bolt	X		6
10	NAS1149F0332P	Washer	X		12
11	MS21042L3	Nut	X		6
12	MS27039C0806	Screw	X		54
13	NAS1149FN816P	Washer	X		10
14	MS21042L08	Nut	X		10
15	MS35489-6	Grommet (or AN931-4-7)	X		3
16	B277-064	Clamp	X		1
17	NAS557-28A	Grommet	X		3
18	MS21075L08E	Nutplate	X		26
19	C395-3	Stiffener (forward)	X		2
20	MS21061L08	Nutplate	X		12
21	MS20426AD3	Rivet	X		68
22	C395-4	Stiffener (aft)	X		2
23	A738-16	Gang Channel	X		1
		*Will be shipped painted white.			

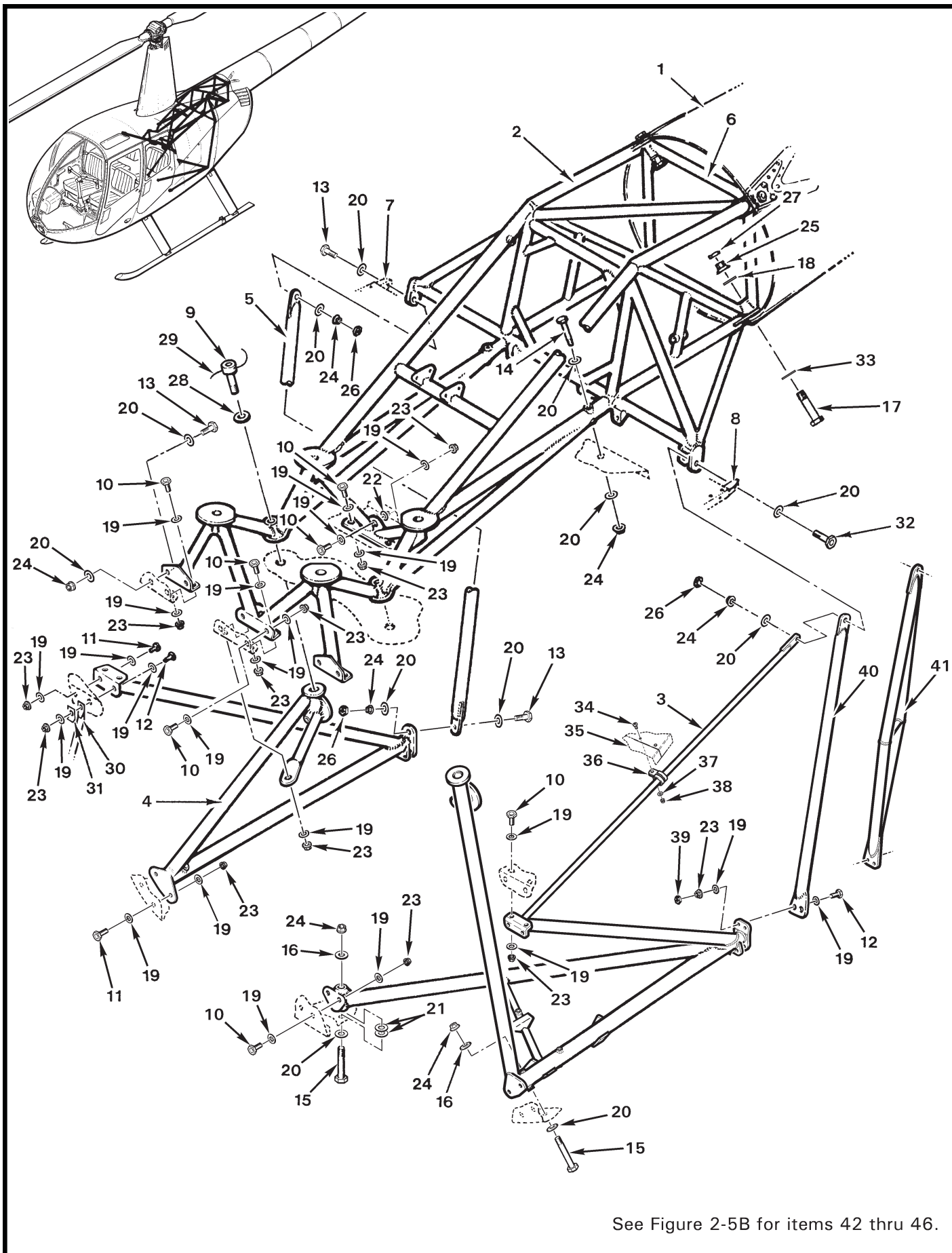
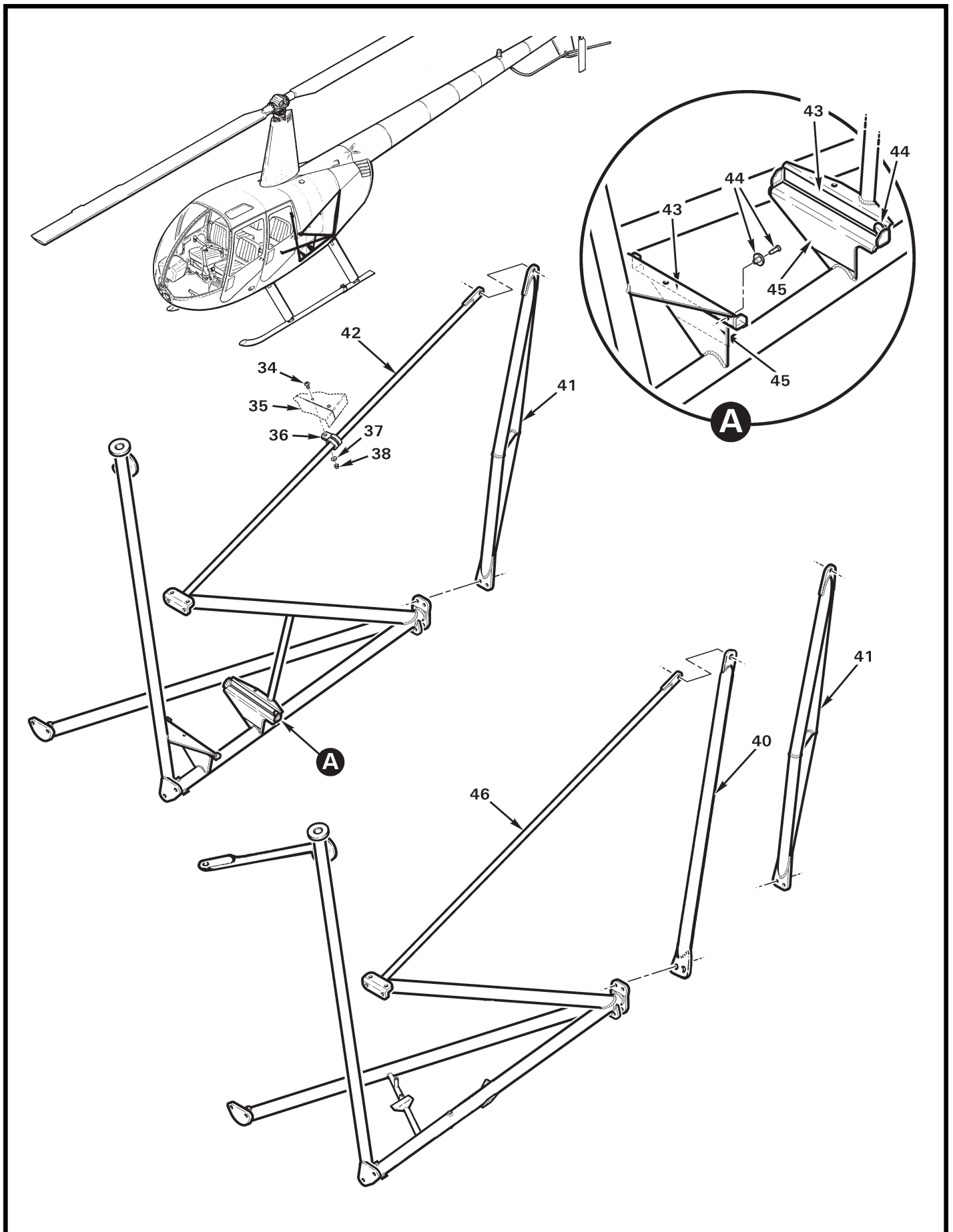


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		WELDED FRAME ASSEMBLY			
2-5-1	C023	Tailcone Assembly (Ref)			
2	C020-1	Upper Frame Assembly	X		1
	C020-2	Upper Frame Assembly (Ref, not shown. Includes provision for tie-downs.)	X		1
3	C046-21	Lower Frame Assembly - LH (supersedes C046-19 assembly [item 46])	X		1
4	C046-2	Lower Frame Assembly - RH	X		1
5	D046-3	Strut (RH)	X		1
6	C237-1	Frame Assembly - Tailcone Attachment	X		1
7	C384-6	Angle - RH	X		1
8	C384-7	Angle - LH	X		1
9	C722-2	Screw	X		2
10	NAS6604-2	Bolt	X		17
11	NAS6604-3	Bolt	X		6
12	NAS6604-4	Bolt	X		4
13	NAS6605-4	Bolt	X		6
14	NAS6605-21	Bolt	X		2
15	NAS6605-24	Bolt	X		3
16	NAS1149F0563P	Washer	X		2
17	NAS6607-24	Bolt	X		4
18	C141-4	Washer	X		4
19	NAS1149F0432P	Washer	X		54
20	NAS1149F0532P	Washer	X		24
21	NAS1149F0532P	Washer (or NAS1149F0563P, 2 maximum)	X		A/R
22	NAS1149F0432P	Washer (or NAS1149F0463P, 2 maximum)	X		A/R
23	MS21042L4	Nut	X		27
24	MS21042L5	Nut	X		12
25	NAS1291-7	Nut	X		4
26	B330-16	Palnut	X		3
27	B330-21	Palnut	X		4
28	MS20002C10	Washer	X		2
29	MS20995C32	0.032 in. dia Safety Wire	X		A/R
		(Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		WELDED FRAME ASSEMBLY (Cont'd)			
2-5-30	C381-1	Strap Assembly (Ref; see Figure 2-39)			
31	C632-1	Angle	X		2
32	NAS6605-6	Bolt	X		1
33	NAS1149F0732P	Washer	X		4
34	MS27039C0806	Screw	X		1
35	C234	Firewall - Horizontal (Ref)			
36	MS21919WDG8	Clamp	X		1
37	NAS1149FN816P	Washer	X		1
38	MS21042L08	Nut	X		1
39	B330-13	Palnut	X		2
40	D046-2	Strut (LH)	X		1
41	D046-1	Strut (LH, ship S/N 10001 and higher)	X		1
		* * *			
2-5B-42	C046-23	Lower Frame Assembly - LH (ship S/N 10606 and higher)	X		1
43	A701-3	Tape (0.5 in. wide polyethylene)	X		A/R
44	PPR-4850B	Push Rivet	X		2
45	A701-5	Tape (2 in. wide polyethylene)	X		A/R
46	C046-19	Lower Frame Assembly - LH (Ref, no longer available. For older O-540 engine ships, and IO-540 engine ships [S/N 10605 and prior]. Has provision for "long" [10.05 in. length] battery box.)			



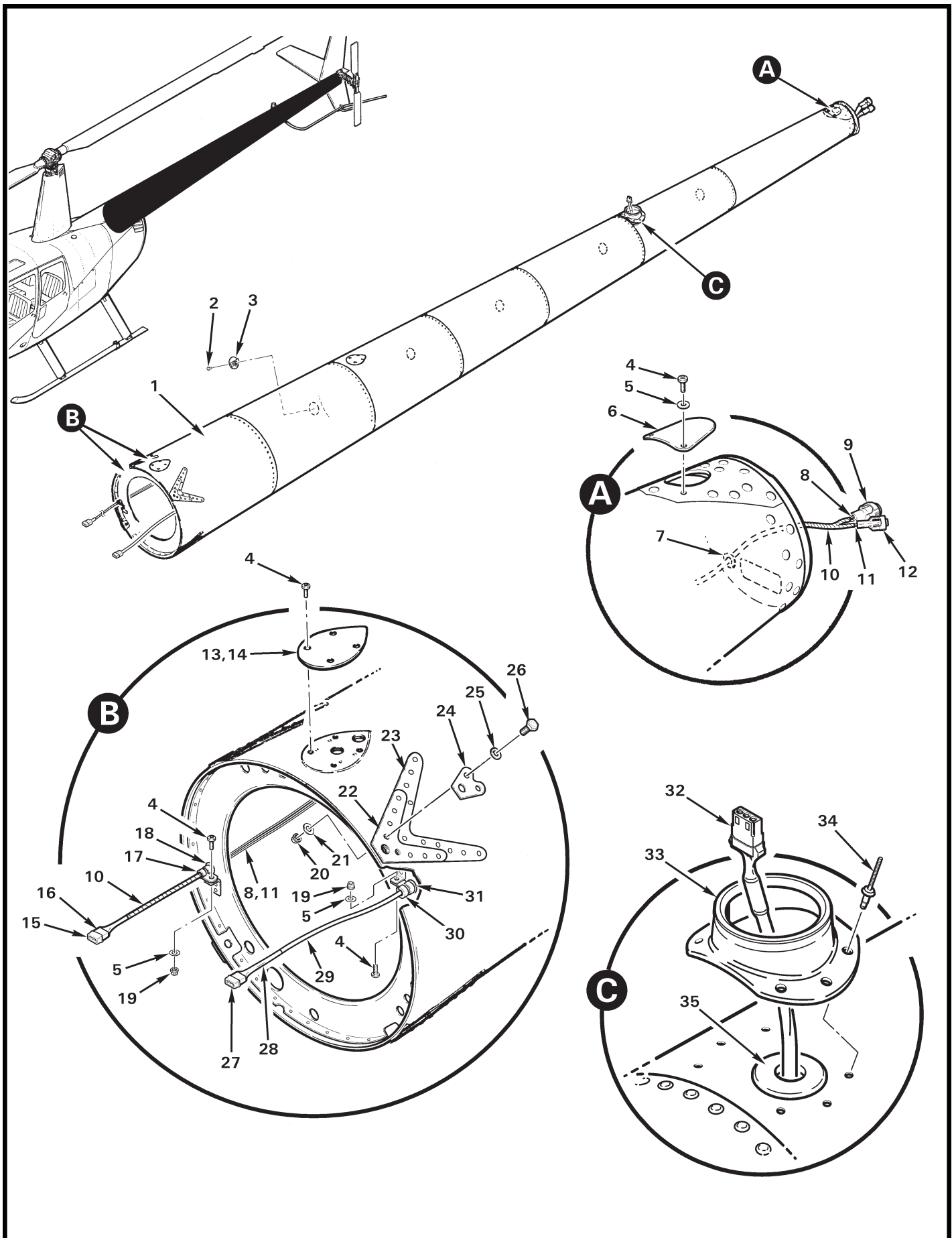


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		TAILCONE ASSEMBLY			
2-7-1	C023-1	Tailcone Assembly (Provision for two antennas as shown. Includes items 3 thru 12, and 15 thru 36.)	X		1
	C023-3	Tailcone Assembly (For Police helicopter. Provision for four antennas. Includes tailcone battery box installation*. Includes items 3 thru 12, and 15 thru 36; not shown.) . . .	X		1
	C023-4	Tailcone Assembly (For ENG helicopter. Provision for four antennas. Includes tailcone battery box installation*. Includes items 3 thru 12, and 15 thru 36; not shown.) . .	X		1
	C023-14	Tailcone Assembly (Provision for four antennas plus NAV antennas. Includes items 3 thru 12, and 15 thru 36; not shown.)	X		1
	C023-15	Tailcone Assembly (Provision for two antennas plus NAV antennas. Includes items 3 thru 12, and 15 thru 36; not shown.)	X		1
2	MS27039C0807	Screw	X		1
3	A231-1	Plug Assembly (Incl item 2)	X		5
4	MS27039C0806	Screw	X		8
5	NAS1149FN816P	Washer	X		4
6	A558-2	Cover - Inspection (transparent)	X		1
7	MS35489-33	Grommet (install using item 36)	X		1
	MS35489-35	Grommet (ENG ships; install using item 36)	X		1
8	B274-22	Wire (no. 5 and 503)	X		A/R
9	B264-13	Plug (to tail rotor gearbox chip detector)	X		1
	B263-2	Socket	X		2
10	B161-2	Spirap	X		A/R
11	B274-16	Wire (no. 109)	X		A/R
12	B264-11	Plug (to tail light)	X		1
	B264-4	Socket	X		1
13	B322-2	Cover (for use when antenna not installed; install using item 14)	X		1
14	B270-4	Sealant	X		A/R
15	B263-14	Housing (to tail light and tail rotor chip detector)	X		1
	B263-1	Pin	X		2
	B263-3	Pin	X		1
16	B158-8	Heat Shrink (around housing and wires)	X		A/R
17	MS21919WDG2	Clamp	X		1
		*See also Figure 8-69D. (Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		TAILCONE ASSEMBLY (Cont'd)			
2-7-18	MS35489-33	Grommet (install using item 36)	X		1
19	MS21042L08	Nut	X		A/R
20	MS21042L4	Nut	X		8
21	A141-11	Washer	X		8
22	D078-2	Doubler (Ref).	O		4
23	D078-3	Doubler (Ref).	O		4
24	D078-1	Doubler	X		4
25	NAS1149F0432P	Washer	X		8
26	NAS6604-4	Bolt	X		8
27	B263-14	Housing (to strobe light)	X		1
	B263-3	Pin	X		3
28	B158-6	Heat Shrink (around wires)	X		A/R
	B158-8	Heat Shrink (around housing and cable)	X		A/R
29	B274-450	Cable (wire no. 1454 [red], 1455 [black], 1456 [clear]) . .	X		A/R
30	MS21919WDG4	Clamp	X		1
31	MS35489-35	Grommet	X		1
32	B263-15	Housing	X		1
	B263-4	Socket	X		3
33	C528-2	Mount (strobe light)	X		1
34	NAS9301B-4-02	Rivet	X		6
35	MS35489-18	Grommet	X		1
36	B270-8qt	Adhesive	X		A/R

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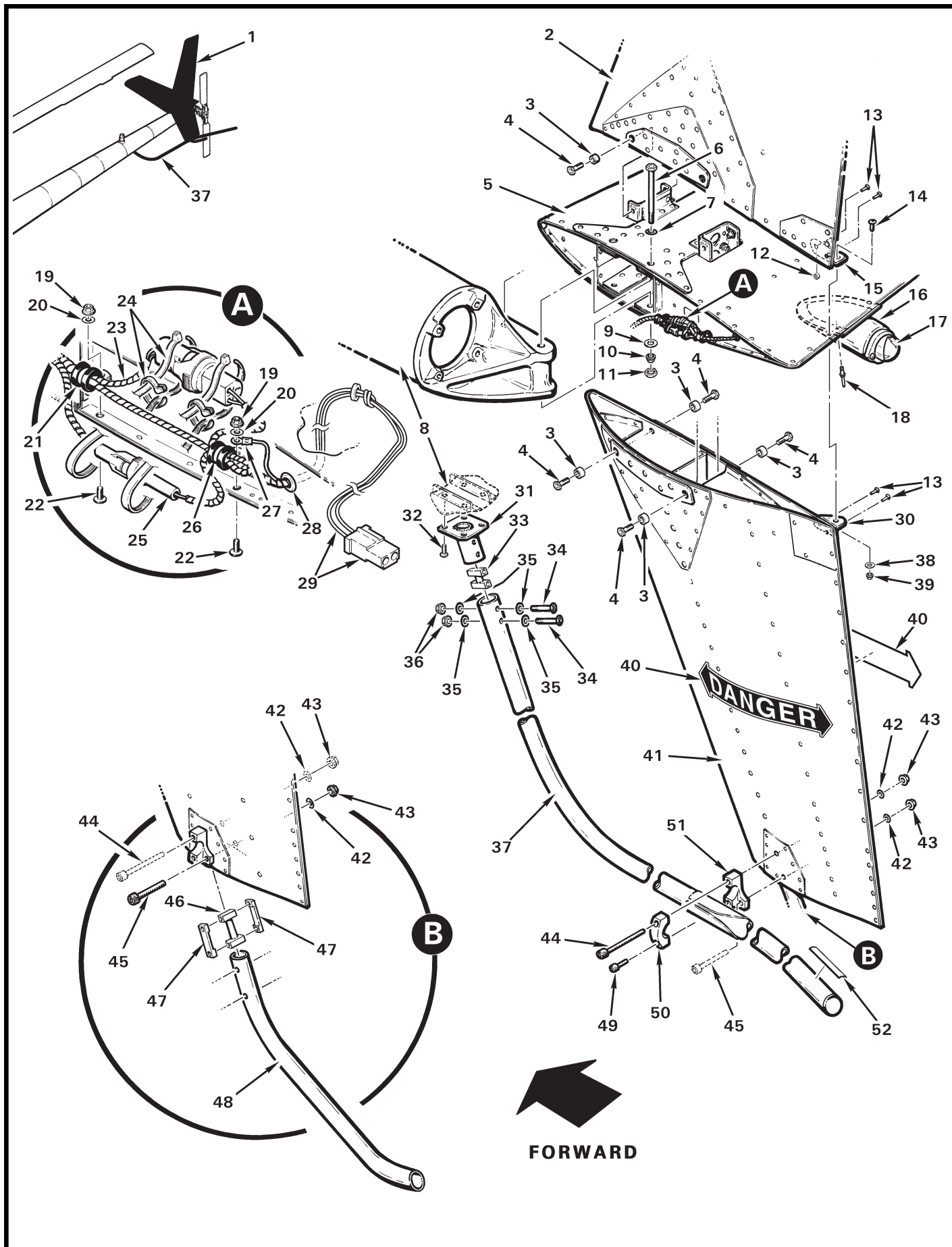


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		EMPENNAGE ASSEMBLY			
2-9-1	C004-2	Empennage Assembly (Incl items 2 thru 4, and 10 thru 18)	X		1
2	C042-1	Stabilizer - Upper Vertical (does not include item 15) . . .	X		1
3	C130-9	Spacer	X		8
4	NAS6604-6	Bolt	X		8
5	C044-1	Stabilizer - Horizontal (Incl items 19, 20, 46 and 47) . . .	X		1
6	NAS6606-47	Bolt	X		2
7	NAS1149F0632P	Washer	X		2
8	C023	Tailcone Assembly (Ref)			
9	NAS1149F0663P	Washer	X		A/R
10	MS21042L6	Nut	X		2
11	B330-19	Palnut	X		2
12	A130-14	Spacer	X		1
13	MS20470AD4	Rivet	X		4
14	MS35206-228	Screw	X		1
15	C554-2	Clip - Upper Vertical Stabilizer	X		1
16	C529-1	Mount Assembly - Tail Light	X		1
17	-	Light Assembly - Tail Light (Ref; see Figure 8-29)			
18	NAS9301B-4-02	Rivet (or NAS1919B04S02)	X		5
19	MS21042L08	Nut	X		2
20	NAS1149FN816P	Washer	X		2
21	MS21919WDG3	Clamp	X		1
22	MS27039C0806	Screw	X		2
23	B161-2	Spirap	X		A/R
24	MS3367-5-9	Ty-Rap	X		4
25	B263-10	Housing	X		1
	B264-1	Pin	X		1
26	MS21919WDG4	Clamp	X		1
27	B260-3	Terminal	X		1
28	MS35489-4	Grommet	X		1
29	D049-3	Wire Harness Assembly - Tail Light (Includes item 27, B264-1 pin, [2] B263-2 sockets, B263-13 housing, plastic washer, and wires; assembled.)	X		1
30	C554-1	Clip - Lower Vertical Stabilizer	X		1
31	D082-1	Tube - Tail Rotor Guard Mount	X		1
		(Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		EMPENNAGE ASSEMBLY (Cont'd)			
2-9-32	MS27039C1-07	Screw	X		4
33	D081-1	Spacer	X		1
34	NAS6603-16	Bolt	X		2
35	NAS1149F0332P	Washer	X		4
36	MS21042L3	Nut	X		2
37	D079-1	Tail Rotor Guard (Includes item 52)	X		1
38	NAS1149FN616P	Washer	X		1
39	MS21042L06	Nut	X		1
40	C654-2	Decal - "Danger"	X		2
41	C043-1	Stabilizer - Lower Vertical (does not include item 37) . . .	X		1
42	NAS1149F0432P	Washer	X		2
43	MS21042L4	Nut	X		2
44	NAS1351-4-51P	Screw	X		1
45	NAS1351-4-36P	Screw	X		1
46	C470-3	Spacer	X		1
47	C470-2	Block	X		2
48	C470-1	Tail Skid	X		1
49	NAS1352-3-14P	Screw	X		1
50	D081-2	Block - Cap	X		1
51	D081-4	Block Assembly	X		1
52	C654-18	Decal - "No Hand Hold"	X		1

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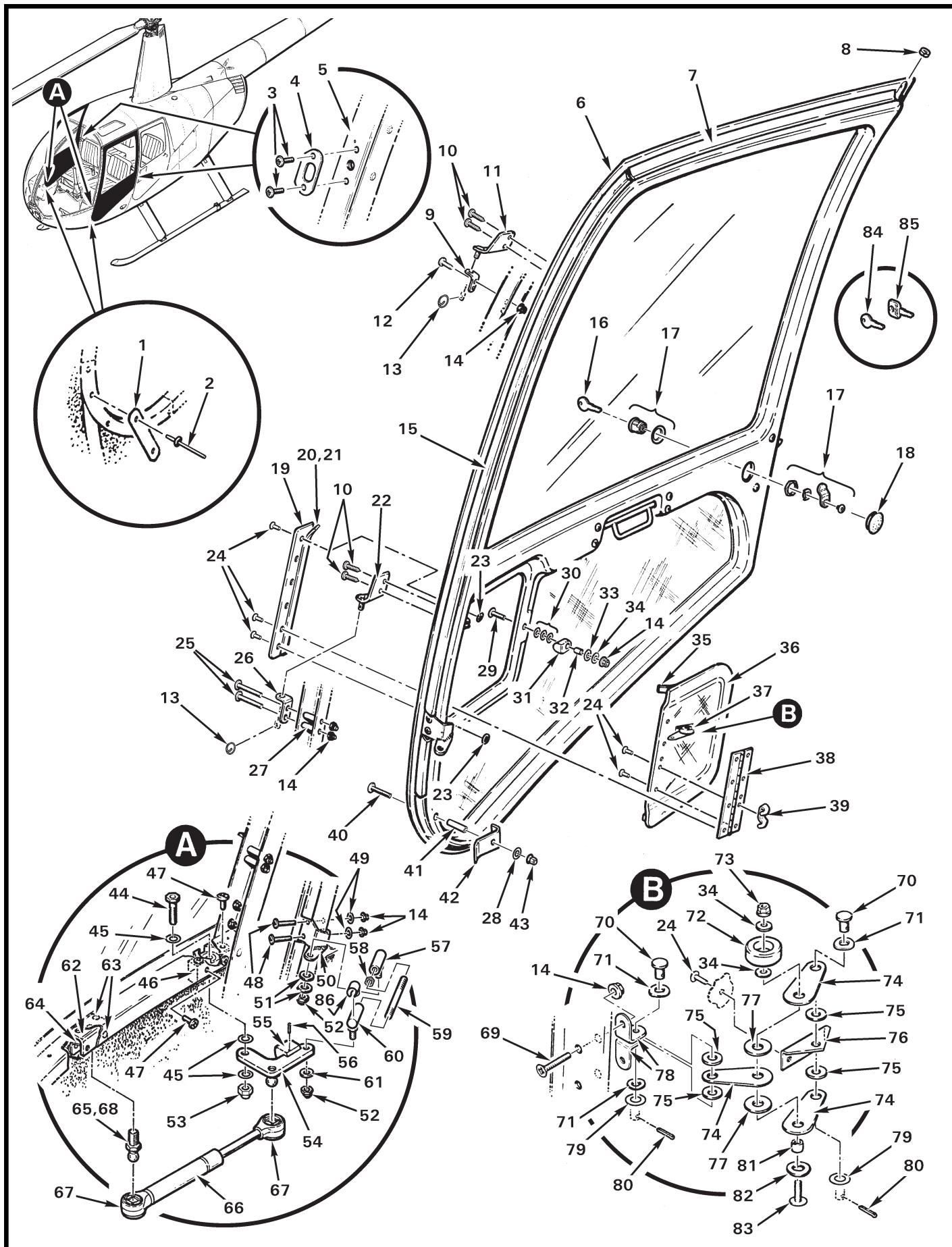


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		FORWARD DOOR ASSEMBLY			
2-13-1	A767-1	Rub Strip (RH and LH)	X		2
2	B204-1	Rivet (blind; alternate part no. 1693-0410)	X		4
3	AN525-832R6	Screw	X		2
4	C538-1	Plate	X		1
5	C403	Door Post (Ref)			
6	C026-2*	Door Assembly (RH, clear; Incl items 7, 14, 15, 17 thru 21, 23, 24, 28 thru 43, 48 thru 50, 69 thru 72, and 74 thru 82)	X		1
	C026-1*	Door Assembly (LH, clear; Incl items 7, 14, 15, 17 thru 21, 23, 24, 28 thru 43, 48 thru 50, 69 thru 72, and 74 thru 82; not shown)	X		1
	C026-18*	Door Assembly (RH, tinted; Incl items 7, 14, 15, 17 thru 21, 23, 24, 28 thru 43, 48 thru 50, 69 thru 72, and 74 thru 82)	X		1
	C026-17*	Door Assembly (LH, tinted; Incl items 7, 14, 15, 17 thru 21, 23, 24, 28 thru 43, 48 thru 50, 69 thru 72, and 74 thru 82; not shown)	X		1
	C026-26*	Door Assembly (RH, bubble, clear; Incl items 7, 14, 15, 17 thru 21, 23, 24, 28 thru 43, 48 thru 50, 69 thru 72, and 74 thru 82; not shown)	X		1
	C026-25*	Door Assembly (LH, bubble, clear; Incl items 7, 14, 15, 17 thru 21, 23, 24, 28 thru 43, 48 thru 50, 69 thru 72, and 74 thru 82; not shown)	X		1
	C026-34*	Door Assembly (RH, bubble, tinted; Incl items 7, 14, 15, 17 thru 21, 23, 24, 28 thru 43, 48 thru 50, 69 thru 72, and 74 thru 82; not shown)	X		1
	C026-33*	Door Assembly (LH, bubble, tinted; Incl items 7, 14, 15, 17 thru 21, 23, 24, 28 thru 43, 48 thru 50, 69 thru 72, and 74 thru 82; not shown)	X		1
7	A226-2	Seal (install using B270-8qt adhesive)	X		A/R
	B270-8qt	Adhesive	X		A/R
8	NAS557-4B	Grommet	X		1
9	A228-1	Hinge Assembly (RH and LH, upper)	X		1
10	MS51861-37C	Screw (self-tapping)	X		4
11	C227-4	Hinge Assembly (RH, upper)	X		1
	C227-3	Hinge Assembly (LH, upper)	X		1
12	MS27039C0807	Screw	X		2
13	B427-1	Ring - Cotter	X		2
		*Will be shipped painted white. (Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		FORWARD DOOR ASSEMBLY (Cont'd)			
2-13-14	MS21042L08	Nut	X		7
15	A226-6	Seal (forward door edge, self-adhesive)	X		A/R
16	—	Key (metal)	O		1
17	A556-1	Lock Set (RH and LH, set of two; includes item 16 [4]) . .	X		1
18	2713	Hole Plug (install using B270-9 adhesive)	X		1
	B270-9	Adhesive (2-oz kit)	X		A/R
19	C682-2	Barrier	X		1
20	A226-3	Seal (install using item 21)	X		A/R
21	B270-4	Adhesive (10-oz tube)	X		A/R
22	C227-2	Hinge Assembly (RH, lower)	X		1
	C227-1	Hinge Assembly (LH, lower)	X		1
23	NAS1149FN232P	Washer	X		2
24	MS20470AD3	Rivet	X		13
25	MS27039C0824	Screw	X		2
26	C228-1	Hinge (RH and LH, lower)	X		1
27	C130-37	Spacer	X		2
28	NAS1149FN816P	Washer (as required for shimming)	X		A/R
29	AN525-832R10	Screw	X		1
30	NAS1149FN816P	Washer (or NAS1149FN832P as required for proper seal compression)	X		A/R
31	C285-1	Knob	X		1
32	C130-5	Spacer	X		1
33	U216-0100-S	Spring Washer	X		1
34	NAS1149FN816P	Washer	X		2
35	A226-7	Seal (self-adhesive, 3 sides of vent door)	X		A/R
36	C425-2	Vent Door (RH, door only)	X		1
	C425-1	Vent Door (LH, door only)	X		1
37	A425-17	Arm Assembly (Incl items 14, 34, and 70 thru 83)	X		1
38	C425-5	Hinge (RH and LH)	X		1
39	B242-2	Stop (RH and LH)	X		1
40	AN525-832R24	Screw	X		1
41	C130-19	Spacer	X		1
		(Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		FORWARD DOOR ASSEMBLY (Cont'd)			
2-13-42	A768-2	Clip (RH)	X		1
	A768-1	Clip (LH)	X		1
43	B340-4	Nut	X		2
44	NAS6604-12	Bolt	X		1
45	NAS1149F0432P	Washer	X		3
46	D573-1	Block	X		1
47	MS27039C0806	Screw	X		4
48	AN525-832R16	Screw	X		2
49	NAS1149FN832P	Washer	X		2
50	D574-3	Bracket (LH, not shown)	X		1
	D574-4	Bracket (RH)	X		1
51	NAS1149F0363P	Washer	X		2
52	B340-8	Nut	X		2
53	B340-10	Nut	X		1
54	D574-1	Arm Assembly (LH, not shown; Incl items 55 and 56) . . .	X		1
	D574-2	Arm Assembly (RH; Incl items 55 and 56)	X		1
55	D573-6	Bumper	X		1
56	MS16562-4	Spring Pin	X		1
57	D575-3	Ball Joint	X		1
58	AN315-3R	Nut	X		1
59	D573-4	Rod	X		1
60	D575-2	Ball Joint	X		1
61	NAS1149F0363P	Washer	X		1
62	D573-3	Block (install using item 63)	X		1
63	MS20470AD4	Rivet	X		6
64	D573-5	Angle	X		1
65	C394-2	Ball Stud (use item 68 on threads)	X		1
66	D575-1	Gas Spring	X		1
67	PS130	End Connector	X		2
68	B270-10	Adhesive (1.69-oz)	X		A/R
69	MS24694-S11	Screw	X		2
70	MS20392-2C7	Pin	X		2
71	U190-0090S	Spring Washer	X		3
		(Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		FORWARD DOOR ASSEMBLY (Cont'd)			
2-13-72	A431-1	Knob	X		1
73	MS21042L08	Nut	X		1
74	A425-7	Arm	X		3
75	A141-8	Washer	X		4
76	A425-13	Angle (RH and LH)	X		1
77	A141-7	Washer	X		2
78	A425-19	Clip	X		2
79	NAS1149F0332P	Washer	X		2
80	MS24665-132	Cotter Pin	X		2
81	A105-7	Journal	X		1
82	U250-0185	Spring Washer	X		1
83	AN525-832R8	Screw	X		1
84	R8096	Key - Duplicate (specify ship S/N and "PK" numbers when ordering)	X		1
85	D768-2	Key (blank; black plastic-coated, "R44" logo)	X		1
86	P-8100	Clip	X		1

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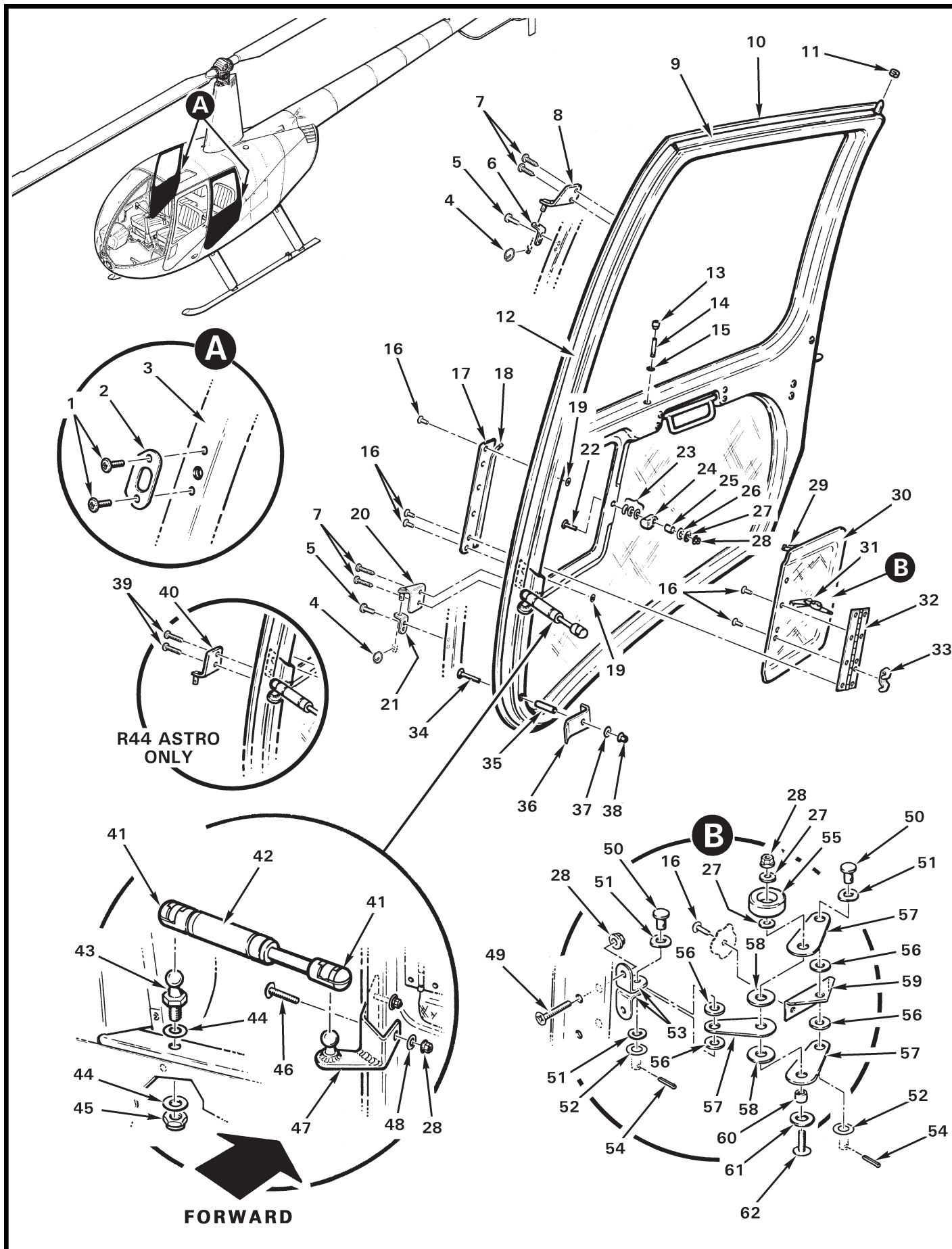


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		AFT DOOR ASSEMBLY			
2-17-1	AN525-832R6	Screw	X		2
2	C538-1	Plate	X		1
3	C238	Door Jamb (Ref)			
4	B427-1	Ring - Cotter	X		2
5	MS27039C0808	Screw	X		4
6	A228-1	Hinge	X		1
7	MS51861-37C	Screw	X		4
8	C389-4	Hinge Assembly (RH, upper)	X		1
	C389-3	Hinge Assembly (LH, upper)	X		1
9	A226-2	Seal (install using B270-8qt adhesive)	X		A/R
	B270-8qt	Adhesive (one-quart can)	X		A/R
10	C026-4*	Door Assembly (RH, clear; Incl items 9, 12 thru 19, 22 thru 30, 32, 34 thru 38, and 46 thru 48)	X		1
	C026-3*	Door Assembly (LH, clear; Incl items 9, 12 thru 19, 22 thru 30, 32, 34 thru 38, and 46 thru 48)	X		1
	C026-20*	Door Assembly (RH, tinted; Incl items 9, 12 thru 19, 22 thru 30, 32, 34 thru 38, and 46 thru 48; not shown)	X		1
	C026-19*	Door Assembly (LH, tinted; Incl items 9, 12 thru 19, 22 thru 30, 32, 34 thru 38, and 46 thru 48; not shown)	X		1
	C026-28*	Door Assembly (RH, bubble, clear; Incl items 9, 12 thru 19, 22 thru 30, 32, 34 thru 38, and 46 thru 48)	X		1
	C026-27*	Door Assembly (LH, bubble, clear; Incl items 9, 12 thru 19, 22 thru 30, 32, 34 thru 38, and 46 thru 48)	X		1
	C026-36*	Door Assembly (RH, bubble, tinted; Incl items 9, 12 thru 19, 22 thru 30, 32, 34 thru 38, and 46 thru 48)	X		1
	C026-35*	Door Assembly (LH, bubble, tinted; Incl items 9, 12 thru 19, 22 thru 30, 32, 34 thru 38, and 46 thru 48)	X		1
11	NAS557-4B	Grommet	X		1
12	A226-6	Seal (self-adhesive, front edge of door only)	X		A/R
13	1770	Knob (install using B270-10 adhesive)	X		1
	B270-10	Adhesive (1.69-oz tube)	X		A/R
14	C544-1	Pin	X		1
15	C26005	Washer (install using B270-9 adhesive)	X		1
	B270-9	Adhesive (2-oz kit)	X		A/R
		* Will be shipped painted white. (Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		AFT DOOR ASSEMBLY (Cont'd)			
2-17-16	MS20470AD3	Rivet	X		13
17	C682-1	Barrier	X		1
18	A226-3	Seal (install using B270-4 adhesive)	X		A/R
	B270-4	Adhesive (10-oz tube)	X		A/R
19	NAS1149FN232P	Washer	X		2
20	C389-9	Hinge Assembly (LH, lower)	X		1
	C389-10	Hinge Assembly (RH, lower)	X		1
21	A228-2	Hinge	X		1
22	AN525-832R10	Screw	X		1
23	NAS1149FN816P	Washer (or NAS1149FN832P as required for proper seal compression)	X		A/R
24	C285-1	Knob	X		1
25	C130-5	Spacer	X		1
26	U216-0100-S	Spring Washer	X		1
27	NAS1149FN816P	Washer	X		3
28	MS21042L08	Nut	X		6
29	A226-7	Seal (self-adhesive, 3 sides of vent door)	X		A/R
30	C425-4	Vent Door (RH)	X		1
	C425-3	Vent Door (LH)	X		1
31	A425-17	Arm Assembly (Includes items 27, 28, and 50 thru 62) . .	X		1
32	C425-5	Hinge	X		1
33	B242-2	Stop (older R44s only)	X		1
34	AN525-832R24	Screw	X		1
35	C130-19	Spacer	X		1
36	A768-2	Clip (RH)	X		1
	A768-1	Clip (LH)	X		1
37	NAS1149FN816P	Washer (as required for shimming)	X		A/R
38	B340-4	Nut	X		1
39	NAS602-12	Screw	X		4
40	C389-1	Hinge Assembly (LH, lower; R44 Astro only)	X		1
	C389-2	Hinge Assembly (RH, lower; R44 Astro only)	X		1
41	PC1249-2	End Connector	X		2
42	C394-1	Gas Spring (includes clips and item 41 as shown)	X		1
		(Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		AFT DOOR ASSEMBLY (Cont'd)			
2-17-43	C394-2	Ball Stud	X		1
44	C141-15	Washer	X		2
45	94830A030	Nut	X		1
46	MS27039C0816	Screw	X		2
47	C393-2	Bracket (RH)	X		1
	C393-1	Bracket (LH, not shown)	X		1
48	NAS1149FN832P	Washer	X		2
49	MS24694-S11	Screw	X		2
50	MS20392-2C7	Pin	X		2
51	U190-0090S	Spring Washer	X		3
52	NAS1149F0332P	Washer	X		2
53	A425-19	Clip	X		2
54	MS24665-132	Cotter Pin	X		2
55	A431-1	Knob	X		1
56	A141-8	Washer	X		2
57	A425-7	Arm	X		3
58	A141-7	Washer	X		2
59	A425-13	Angle (RH and LH)	X		1
60	A105-7	Journal	X		1
61	U250-0185	Spring Washer	X		1
62	AN525-832R8	Screw	X		1

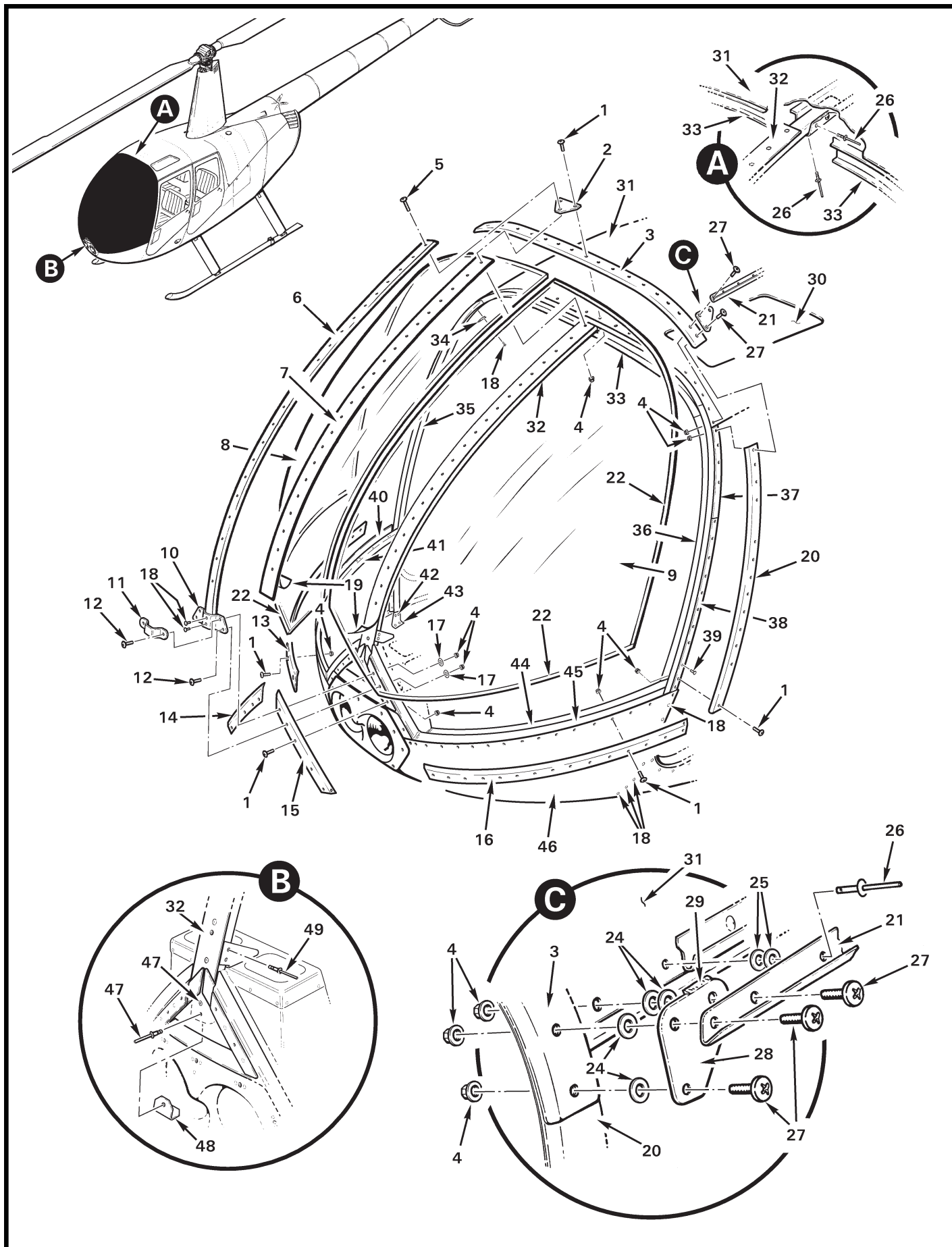
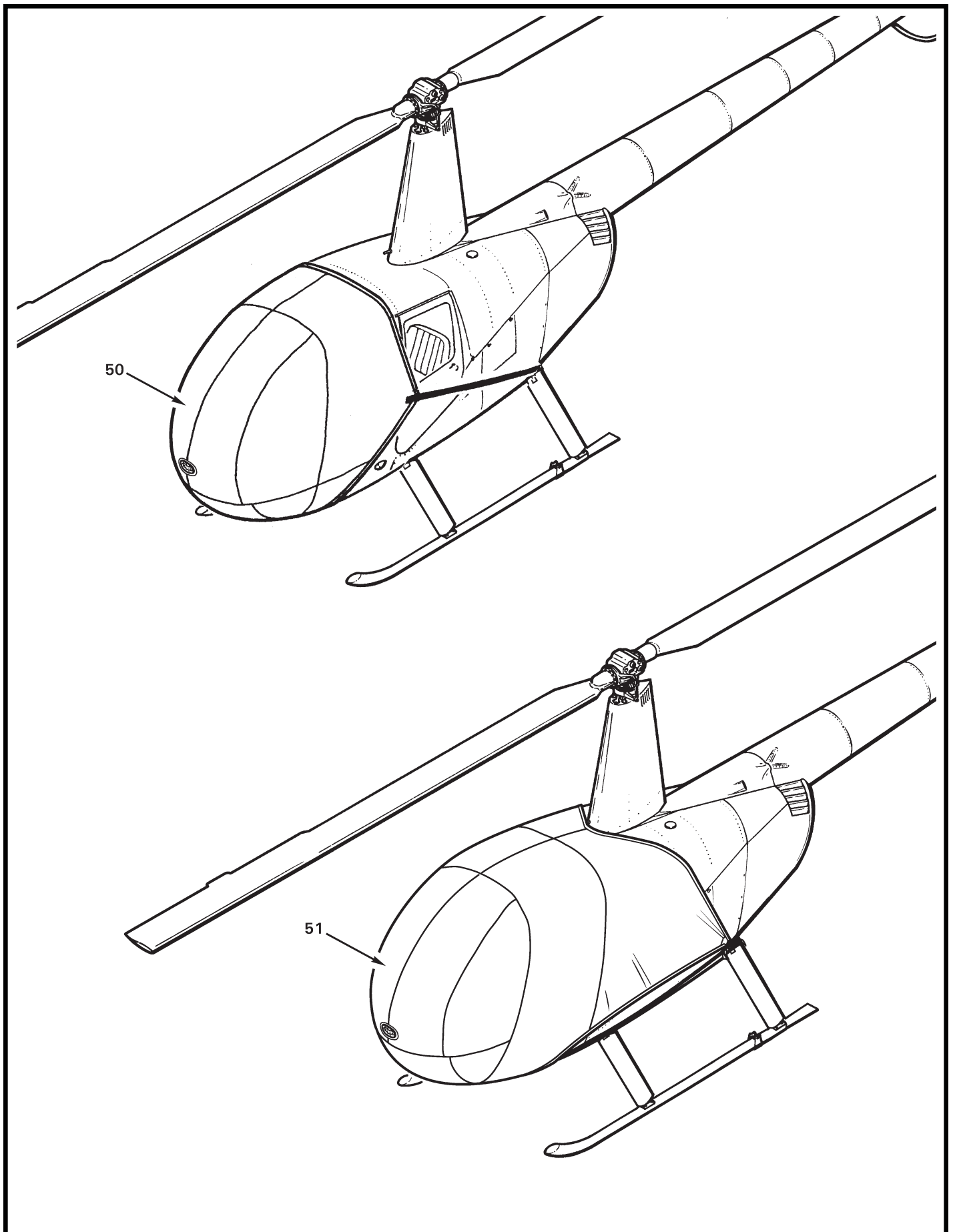


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		WINDSHIELD INSTALLATION			
2-21-1	AN526C832R8	Screw (do not substitute MS27039 screws)	X		84
2	B409-5	Gusset	X		1
3	C238-29*	Retainer (apply item 29 to edges)	X		1
4	MS21042L08	Nut	X		92
5	AN526C832R12	Screw (do not substitute MS27039 screws)	X		22
6	C367-12	Stiffener	X		1
7	C367-10*	Stiffener	X		1
8	C274-2**	Windshield (RH, clear)	X		1
	C274-4**	Windshield (RH, tinted)	X		1
9	C274-1**	Windshield (LH, clear)	X		1
	C274-3**	Windshield (LH, tinted)	X		1
10	C366-8	Retainer	X		1
11	C366-5	Bracket	X		1
12	MS27039C0809	Screw	X		4
13	C367-6*	Retainer (RH)	X		1
14	C367-8*	Retainer (RH)	X		1
15	C367-7*	Retainer (LH)	X		1
16	C367-5*	Retainer (LH)	X		1
17	NAS1149FN832P	Washer	X		4
18	MS20470AD4	Rivet	X		38
19	C367-11	Tape	X		A/R
20	C238-27*	Retainer (LH)	X		1
	C238-28*	Retainer (RH; not shown)	X		1
21	C230-8	Rain Gutter (RH; apply item 29 to edges)	X		1
	C230-7	Rain Gutter (LH; apply item 29 to edges)	X		1
22	A701-4	Tape (0.75 in. wide, 108 ft. roll. Apply to bottom and aft edge of windshields.)	X		A/R
23	B270-4	Sealant (silicone, 10-oz tube)	X		A/R
24	NAS1149FN832P	Washer	X		A/R
25	NAS620-5	Washer	X		A/R
26	NAS9301B-4-02	Rivet (blind)	X		2
27	AN526C832R9	Screw	X		6
		* Install using item 23. ** Install using items 22 and 23. See Figure 16-1 for shipping box.			
		(Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		WINDSHIELD INSTALLATION (Cont'd)			
2-21-28	D805-2	Restraint (LH and RH. Use item 29 to fill gap between items 21, 28, and 31. To retrofit older R44's, order KI-125 kit.)	X		2
29	B270-1	Sealant (2-oz tube)	X		A/R
30	C273-3	Window (clear acrylic)	X		1
31	C273-1	Roof (Incl item 30)	X		1
32	C238-2	Bow Assembly (includes wires)	X		1
33	C238-16	Frame (forward; roof)	X		1
34	C211-3	Gusset (LH and RH)	X		2
35	C238-4	Door Jamb - RH (attach to cabin using items 18, 39, 42, and 43)	X		1
36	C238-3	Door Jamb - LH (attach to cabin using items 18, 39, 42, and 43)	X		1
37	C238-34	Spacer (LH and RH, 0.125 in. thick polycarbonate. Attach to items 35/36 using item 39.)	X		2
38	D661-1	Spacer (LH and RH, 0.125 in. thick polycarbonate. Attach to items 35/36 using item 39.)	X		2
39	MS20426AD3	Rivet (flush)	X		56
40	C367-2	Retainer (RH)	X		1
41	C238-18	Frame (RH; attach with item 42 to chin [item 46] using item 39)	X		1
42	MS20470AD3	Rivet	X		8
43	A414-1	Angle (LH)	X		1
		Angle (RH, not shown)	X		1
44	C238-17	Frame (LH; attach with item 47 to chin [item 46] using item 39)	X		1
45	C367-1	Retainer (LH)	X		1
46	C272-1	Chin	X		1
47	NAS9301B-4-03	Rivet (blind)	X		2
48	C366-6	Cap	X		1
49	NAS9301B-4-02	Rivet (blind; or NAS9301B-4-03 as required)	X		4
		* * *			
2-21B-50	R44-004	Bubble Cover	X		1
51	R44-000	Full Cover (optional)	X		1



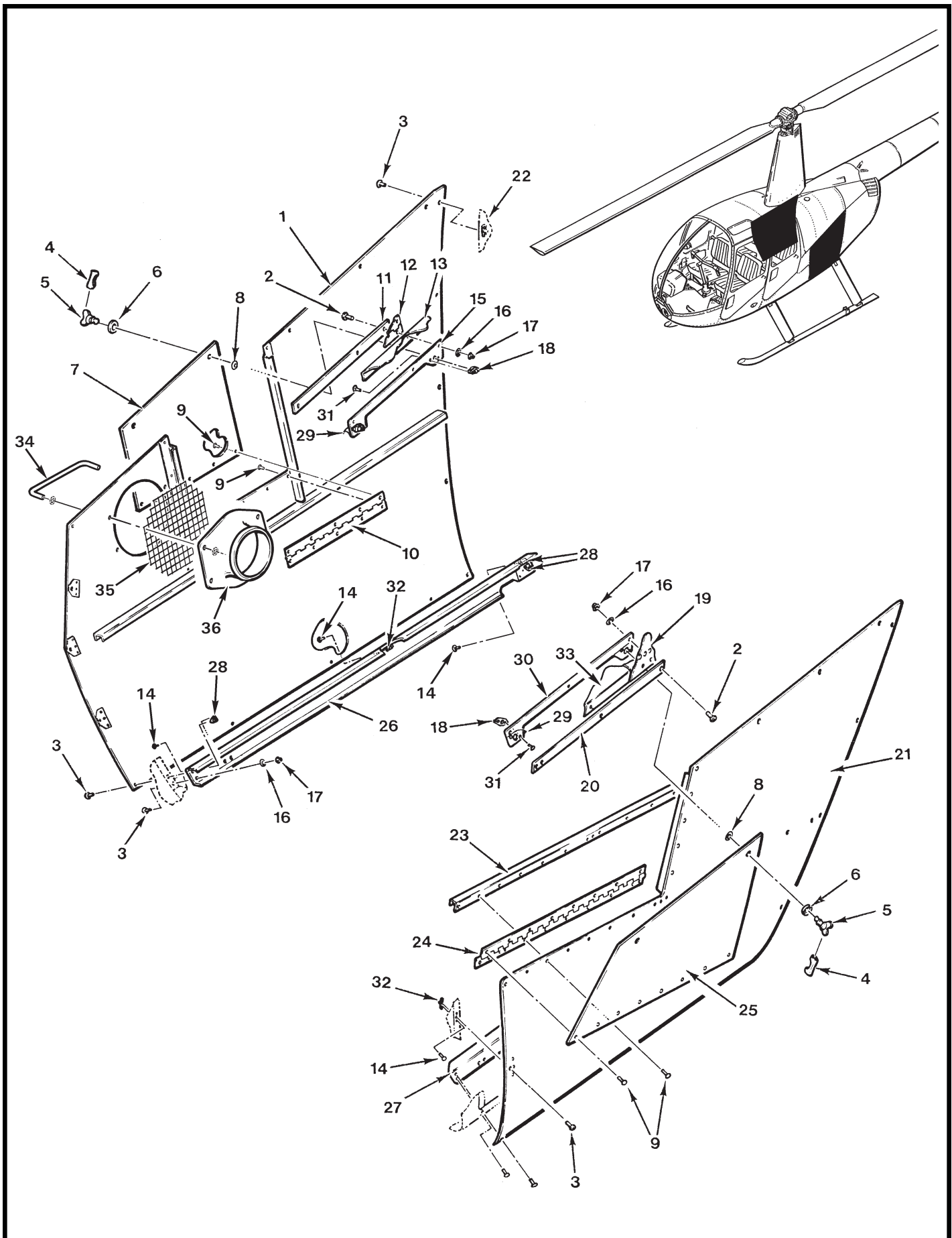


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		COWLING ASSEMBLY			
2-23-1	C378-3*	Cowling Assembly (RH, includes items 7, 9, and 10. C378-3* supersedes C378-1**. To replace C378-1, also order items 34, 35, and 36.)	X		1
2	MS27039C0807	Screw ([3] for RH, [4] for LH)	X		7
3	MS27039C0806	Screw ([16] for RH, [18] for LH)	X		34
4	A901-1	Cover (clear plastic)	X		2
5	85-12-140-16	Stud	X		2
6	85-46-101-39	Washer	X		2
7	C364-7	Door	X		1
8	85-34-201-20	Retaining Ring	X		2
9	MS20470AD3	Rivet	X		A/R
10	C364-3	Hinge	X		1
11	C364-6	Strip (RH)	X		1
12	D315-4	Hinge (Ref, see Figure 2-31)			
13	D021-1	Firewall Assembly, Horizontal (Ref)			
14	MS20426AD3	Rivet	X		A/R
15	C364-4	Receptacle Assembly (RH, includes items 18 and 31) . . .	X		1
16	NAS1149FN816P	Washer	X		A/R
17	MS21042L08	Nut ([5] on RH, [6] on LH)	X		11
18	85-35-295-15	Receptacle (install using item 31)	X		2
19	C010	Main Fuel Tank Assembly (Ref, see Figure 8-1)			
20	C380-7	Strip (LH)	X		1
21	C377-1	Cowling Assembly (LH, includes items 9, and 23 thru 25)	X		1
22	D040	Aft Cowling Assembly (Ref)			
23	C380-3	Stiffener	X		1
24	C380-6	Hinge	X		1
25	C380-5	Door	X		1
26	C387-2	Channel Assembly (RH, includes items 14 [4] and 28 [2])	X		1
27	C387-1	Channel Assembly (LH, includes items 14 [4] and 28 [2])	X		1
28	MS21086L08	Nutplate (install using item 14)	X		2
29	A701-3	Tape (0.5 in. wide polyethylene)	X		A/R
		* Ship S/N 1301 and higher, 10001 and higher. * Ship S/N 0001 thru 1300 only. (Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		COWLING ASSEMBLY (Cont'd)			
2-23-30	C380-1	Receptacle Assembly (LH, Includes items 18 and 31) . . .	X		1
31	NAS1097AD4	Rivet	X		2
32	MS21069L08	Nutplate (install using item 14)	X		A/R
33	C234-1	Firewall (Ref, LH fwd horizontal)			
34	A580-3	Guard (large inlet, Ref)	X		2
35	A640-4*	Screen (Ref)			
36	C579-3*	Inlet (large hole, Ref)	X		1
		*O-540-equipped aircraft only.			

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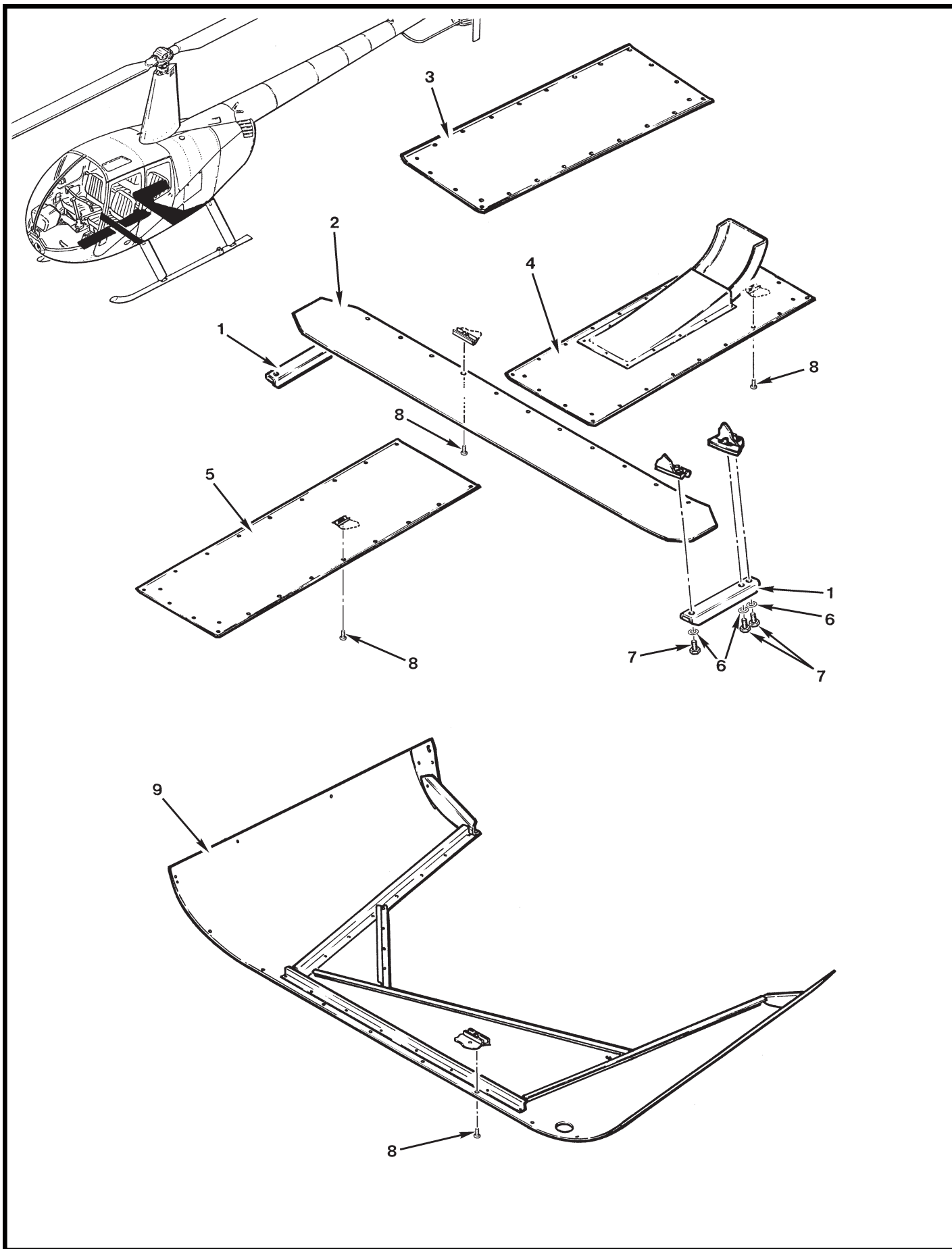


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		BELLY PANELS			
2-27-1	C388-3	Channel	X		2
2	C475-5	Cover	X		1
3	C794-2	Panel Assembly (optional, for winter use in place of item 4)	X		1
4	C794-3	Panel Assembly	X		1
5	C794-1	Panel	X		1
6	NAS1149F0332P	Washer	X		2
7	NAS6603-4	Bolt	X		2
8	MS27039C0806	Screw	X		68
9	D041-1	Cowling Assembly - Belly	X		1

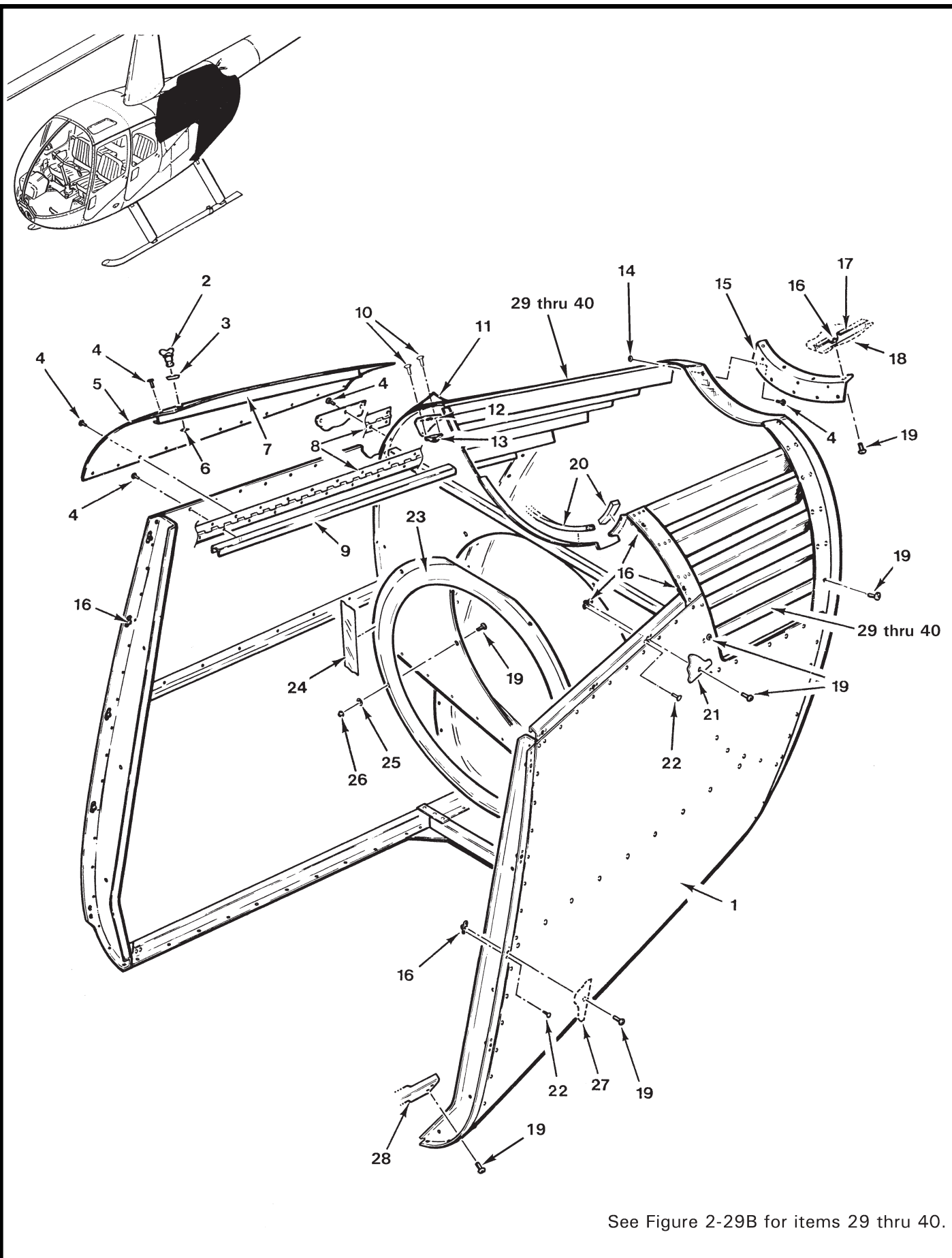
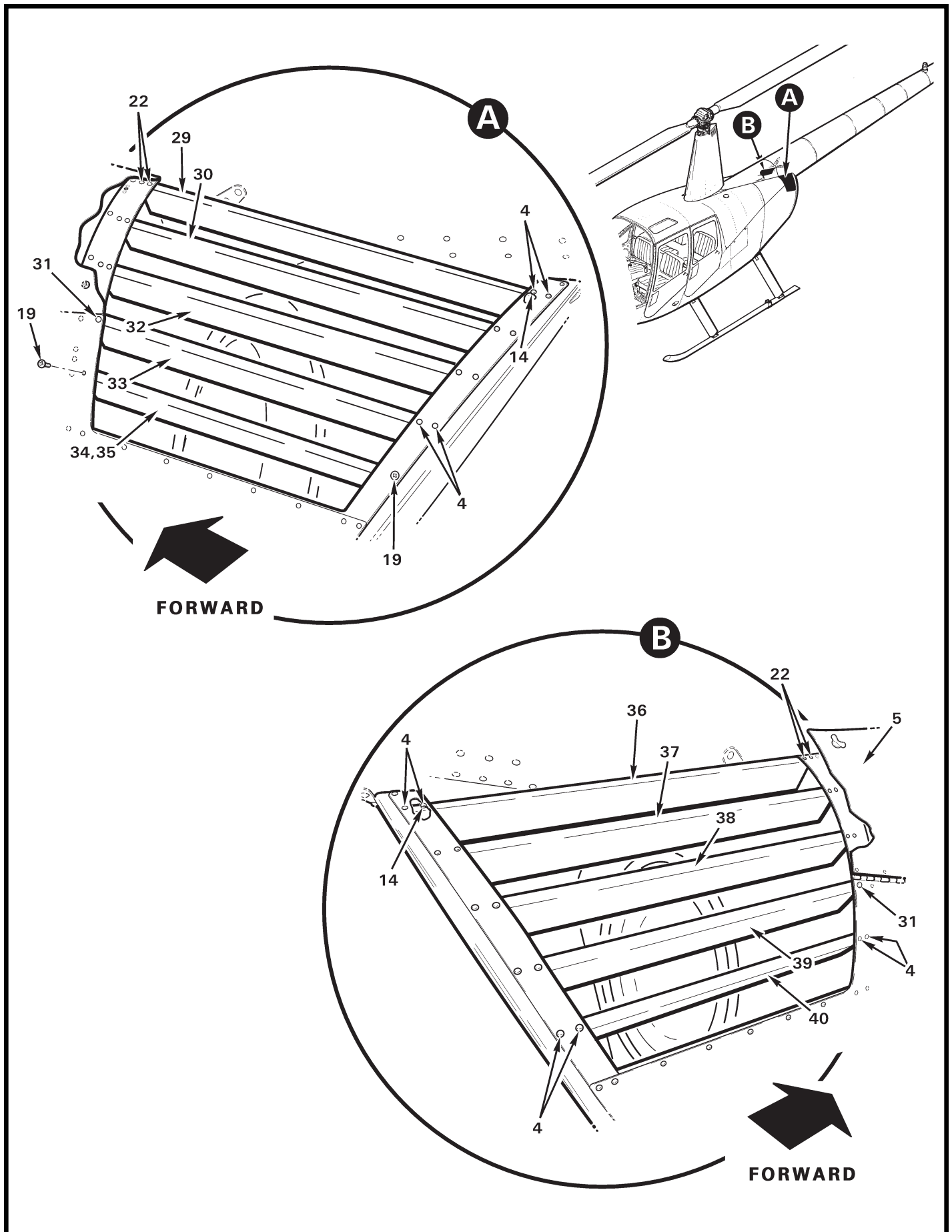


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		AFT COWLING ASSEMBLY			
2-29-1	D040-1	Cowling Assembly - Aft (Includes items 5, 7 thru 9, 12 thru 14, 19, 20, 29 thru 34, and 36 thru 40)	X		1
2	85-12-140-16	Stud	X		2
3	85-46-101-39	Washer	X		2
4	MS20470AD3	Rivet	X		205
5	D040-7	Door	X		1
6	85-34-201-20	Retaining Ring	X		2
7	D308-6	Stiffener	X		1
8	D308-5	Hinge	X		1
9	D311-8	Stiffener	X		1
10	MS20426AD4	Rivet	X		2
11	A701-3	Tape (0.5 in. wide polyethylene)	X		A/R
12	D308-8	Plate	X		1
13	85-35-295-15	Receptacle	X		1
14	NAS1149FN232P	Washer	X		19
15	D300-1	Support	X		1
	D300-2	Support (undrilled, use when installing new item 1 with a previously drilled tailcone)	X		A/R
16	MS21069L08	Nutplate (install using item 22)	X		13
17	D083-2	Stiffener	X		1
18	C023	Tailcone Assembly (Ref, includes items 16 and 17 [6])			
19	MS27039C0806	Screw	X		2
20	A226-4	Seal (install using B270-4 adhesive)	X		A/R
	B270-4	Adhesive (10-oz tube)	X		A/R
21	C706-3	Panel (Ref, see Figure 2-35)			
22	MS20426AD3	Rivet	X		44
23	D306-3	Ring	X		1
24	A701-1	Foil Tape (around ring)	X		A/R
25	NAS1149FN816P	Washer	X		4
26	MS21042L08	Nut	X		4
27	C377-1	Cowling Assembly (Ref, see Figure 2-23)			
28	C387-1	Channel Assembly (LH, Ref; see Figure 2-23)			
		(Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		AFT COWLING ASSEMBLY (Cont'd)			
		* * *			
2-29B-29	D307-1	Slat (LH)	X		1
30	D307-3	Slat (LH)	X		1
31	MS20470AD4	Rivet	X		2
32	D307-5	Slat (LH)	X		1
33	D307-7	Slat (LH)	X		1
34	D307-11	Slat (LH; includes item 35)	X		1
35	MS21071L08K	Nutplate (not shown; install using item 22)	X		2
36	D307-2	Slat (RH)	X		1
37	D307-4	Slat (RH)	X		1
38	D307-6	Slat (RH)	X		1
39	D307-8	Slat (RH)	X		1
40	D307-10	Slat (RH)	X		1



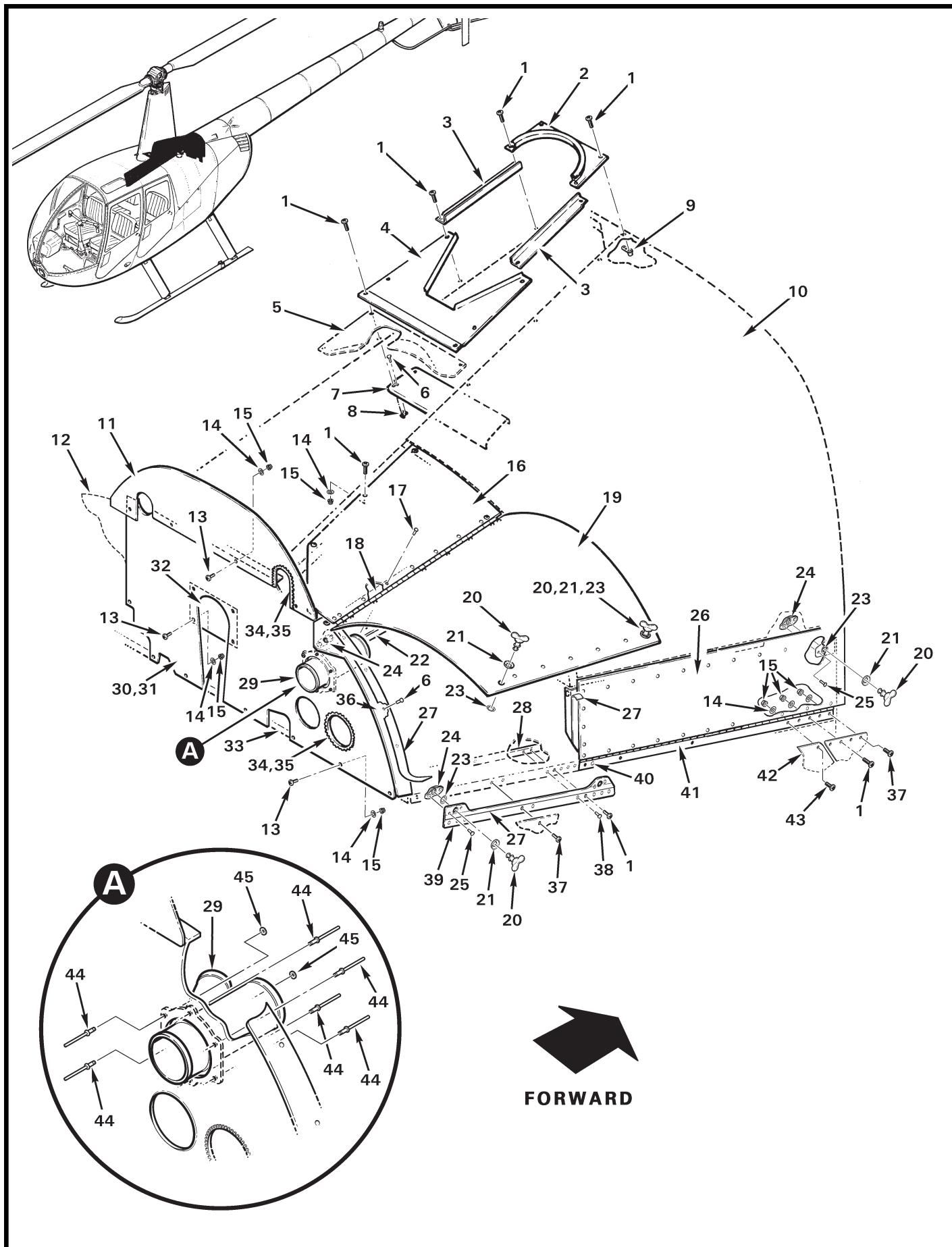


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		UPPER COWLING INSTALLATION			
2-31-1	MS27039C0807	Screw	X		17
2	C347-1	Channel Assembly	X		1
3	C347-5	Angle (LH and RH)	X		2
4	C347-6	Panel	X		1
5	C706-1	Tailcone Cowling Assembly (Ref, see Figure 2-35)			
6	MS20426AD3	Rivet	X		10
7	D202-1	Channel	X		1
8	MS21086L08	Nutplate (install using item 6)	X		4
9	MS21071L08	Nutplate (install using item 6)	X		1
10	D043-3	Fuel Tank - Aux (Ref, see Figure 8-5)			
11	C723-2	Bulkhead Assembly (Includes item 34)	X		1
12	C028	Fuel Tank - Main (Ref, see Figure 8-1)			
13	MS27039C0805	Screw	X		16
14	NAS1149FN832P	Washer	X		22
15	MS21042L08	Nut	X		22
16	D042-3	Panel	X		1
17	MS20470AD3	Rivet	X		27
18	D315-3	Hinge	X		1
19	D042-5	Door Assembly (Includes D042-2 door, D315-1 angle [not shown], and items 16, 18, and 22)	X		1
20	85-12-140-16	Stud	X		3
21	85-46-101-39	Washer	X		3
22	D315-2	Channel	X		1
23	85-34-201-20	Retaining Ring	X		3
24	85-35-295-15	Receptacle (install using item 25)	X		3
25	NAS1097AD4	Rivet	X		6
26	D042-4	Door Assembly	X		1
27	A701-3	Tape (0.5 in. wide polyethylene)	X		A/R
28	A738-11	Gang Channel (RH)	X		1
	A738-23	Gang Channel (LH, not shown)	X		1
		(Cont'd)			

FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		UPPER COWLING INSTALLATION (Cont'd)			
2-31-29	C371-1	Splitter-Air Duct	X		1
30	C723-1	Bulkhead Assembly (Includes items 24, 29, 31, 34 thru 36, 44, and 45)	X		1
31	C723-3	Bulkhead - Lower	X		1
32	C723-6	Cover	X		1
33	C234-2	Firewall - Horizontal (Ref)			
34	MS21266-1N	Grommet (install using item 35)	X		A/R
35	B270-8qt	Adhesive (1-quart can)	X		A/R
36	C723-5	Strip	X		1
37	MS27039C0806	Screw (Ref, see Figure 2-23)			
38	MS20427M3	Rivet (use to install item 39; [13 req'd RH, 4 req'd LH]) .	X		A/R
39	C379-1	Receptacle Assembly (RH, Includes items 24 and 25) . .	X		1
	C380-1	Receptacle Assembly (LH not shown, Includes items 24 & 25)	X		1
40	MS20427M3	Rivet ([1] at this location)	X		1
41	D315-4	Hinge	X		1
42	C378*	Cowling Assembly (Ref; RH shown)			
43	MS20739C0806*	Screw (Ref)			
44	MS20604R3W3	Rivet (supersedes NAS9301B-4-02)	X		6
45	NAS1149FN232P	Washer (supersedes NAS620-5)	X		2
		*See Figure 2-23.			

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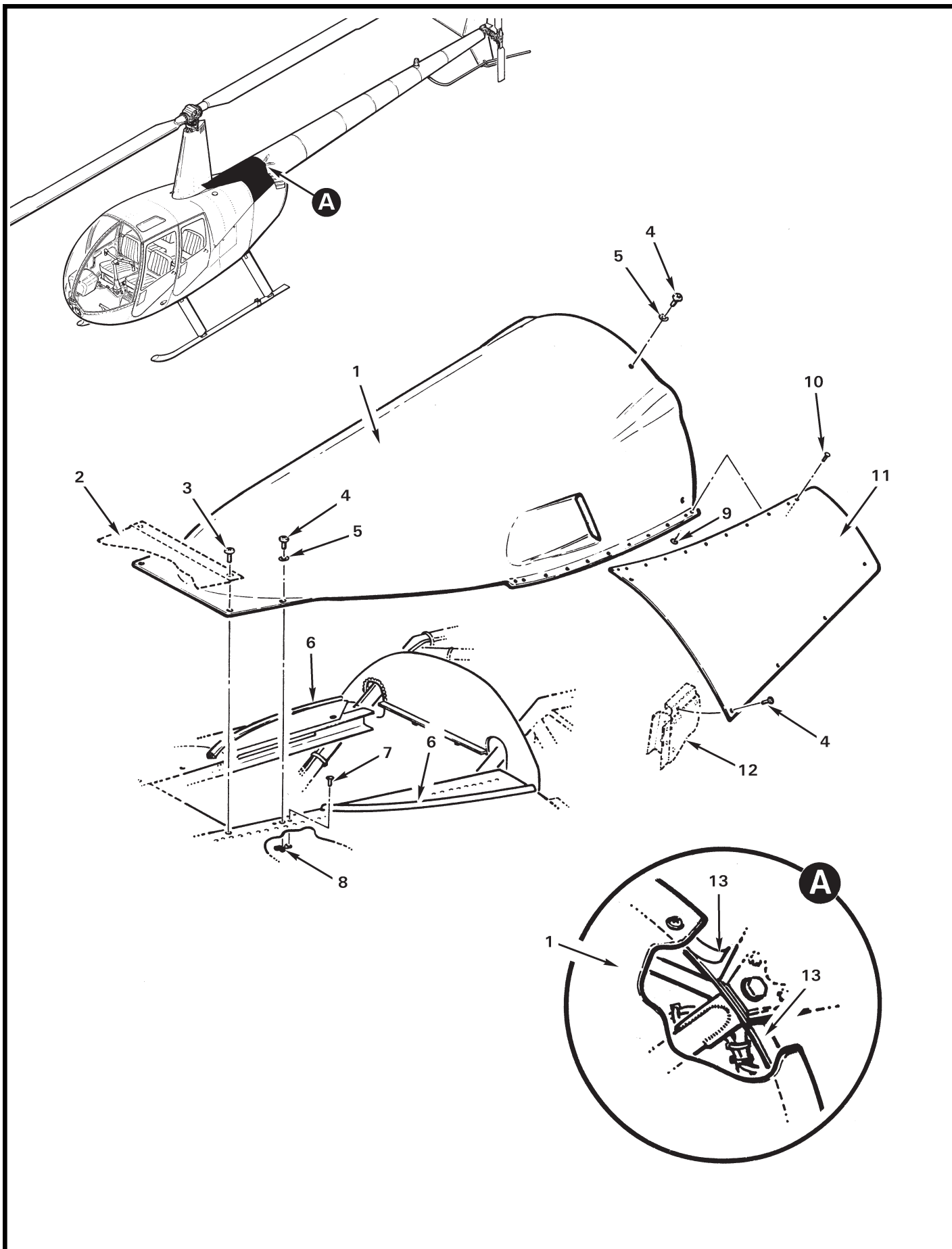


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		TAILCONE FAIRING ASSEMBLY			
2-35-1	C706-1	Tailcone Fairing Assembly (Includes items 9 thru 11) . . .	X		1
2	C347-6	Panel (Ref, see Figure 2-31)			
3	MS27039C0807	Screw	X		2
4	MS27039C0806	Screw	X		12
5	NAS1149FN816P	Washer	X		6
6	05-01200	Seal (LH and RH, self-adhesive)	X		A/R
7	MS20426AD3	Rivet	X		4
8	MS21069L08	Nutplate	X		2
9	AN960-2	Washer	X		11
10	MS20470AD3-4	Rivet	X		11
11	C706-3	Panel	X		1
12	D040-1	Aft Cowling Assembly (Ref, see Figure 2-29)			
13	A701-3	Tape (0.5 in. wide polyethylene)	X		A/R

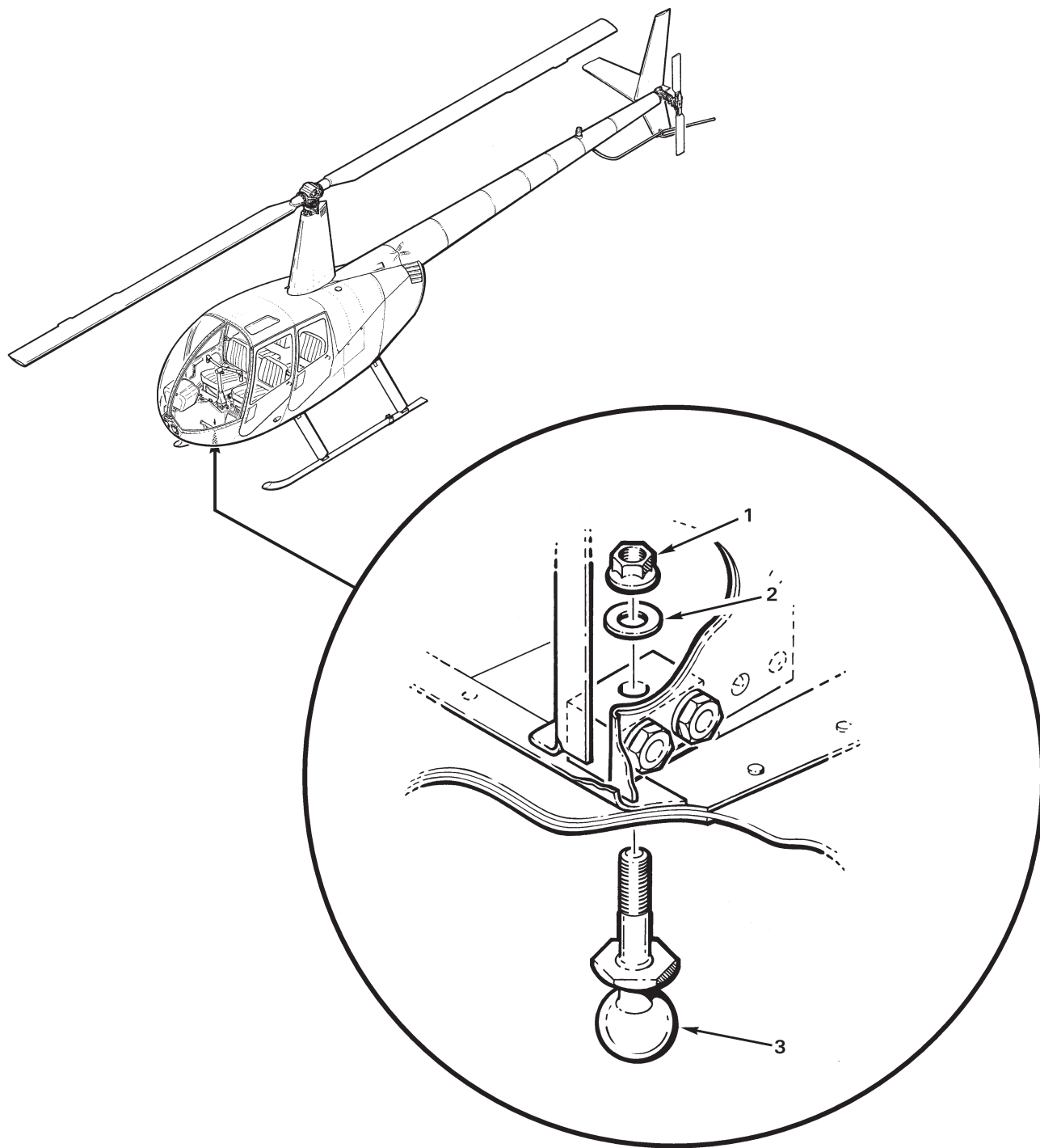


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		GROUND HANDLING BALL INSTALLATION			
2-37-1	MS21042L5	Nut	X		1
2	NAS1149F0532P	Washer	X		1
3	C700-7	Ball	X		1

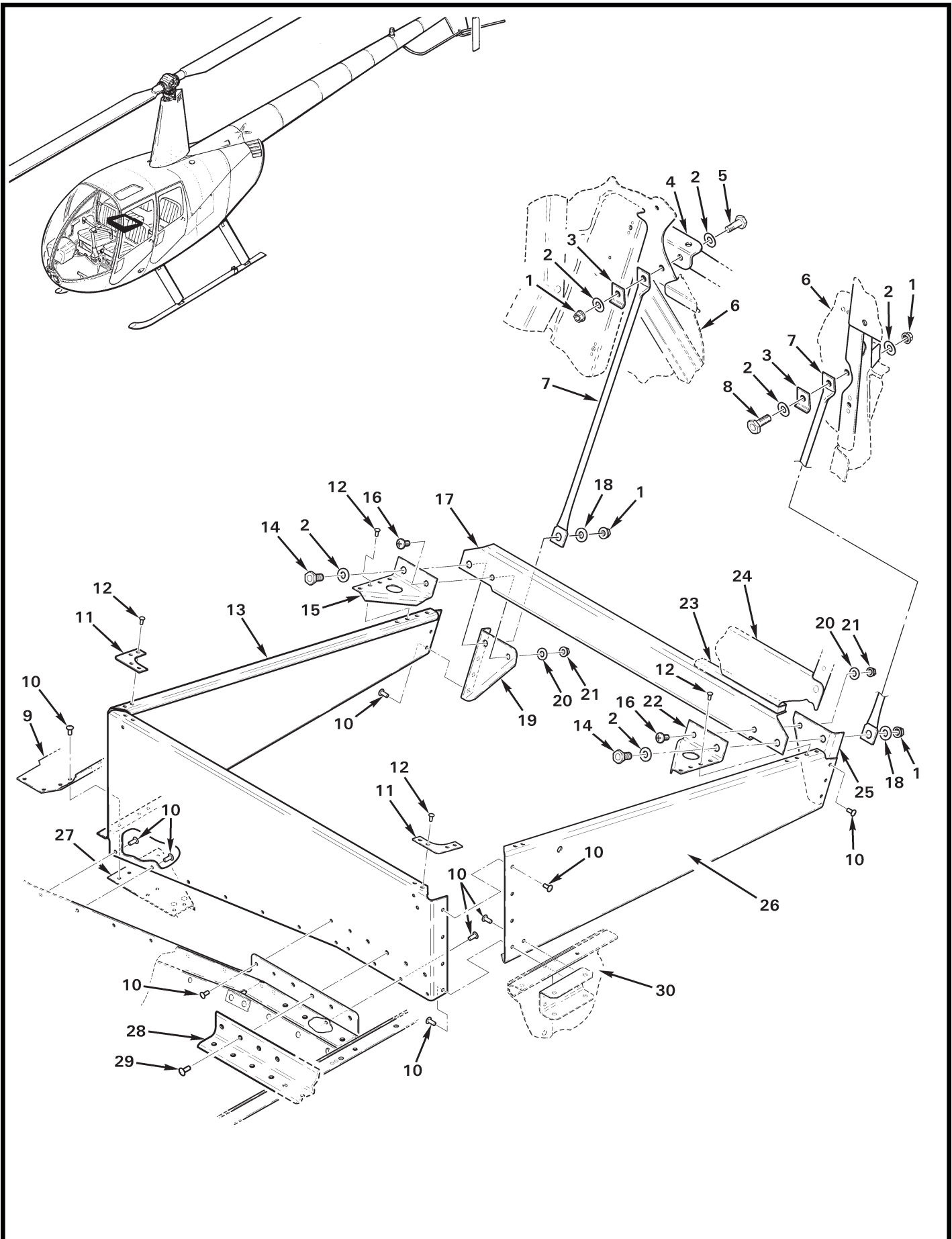


FIGURE AND INDEX NUMBER	PART NUMBER	DESCRIPTION	PARTS AVAIL	USABLE ON CODE	QTY PER ASSY
		AFT SEAT SUPPORT INSTALLATION*			
2-39-1	MS21042L4	Nut	X		8
2	NAS1149F0432P	Washer	X		12
3	C632-1	Angle	X		4
4	C046	Lower Frame (Ref)			
5	NAS6604-4	Bolt (upper outboard location)	X		2
6	C015	Cabin Assembly (Ref)			
7	C381-1	Strap	X		4
8	NAS6604-3	Bolt	X		2
9	C287-2	Panel - RH	X		1
	C287-1	Panel - LH (not shown)	X		1
10	MS20470AD4	Rivet	X		55
11	A291-7	Gusset	X		4
12	NAS1097AD3	Rivet	X		32
13	C291-4	Support - RH	X		1
	C291-3	Support - LH (not shown)	X		1
14	NAS6604-2	Bolt	X		4
15	C248-2	Gusset	X		2
16	MS27039C1-06	Screw	X		4
17	C249-1	Beam	X		2
18	NAS1149F0463P	Washer	X		4
19	C248-4	Bracket - RH	X		2
20	NAS1149F0332P	Washer	X		4
21	MS21042L3	Nut	X		4
22	C248-1	Gusset	X		2
23	A260-5	Tape - Foam	X		A/R
24	C288-1	Beam (Ref)			
25	C248-3	Bracket - LH	X		2
26	C291-6	Support - RH	X		1
	C291-5	Support - LH (not shown)	X		1
27	C382-1	Panel	X		1
28	C374-1	Angle (Ref)			
29	MS20470AD5	Rivet (Ref; [4] at this location)	X		14
30	C292-2	Keel Panel (Ref)			
		*RH shown.			