

## **CHAPTER 64 — TAIL ROTOR**

## **CONTENTS — ILLUSTRATED PARTS BREAKDOWN**

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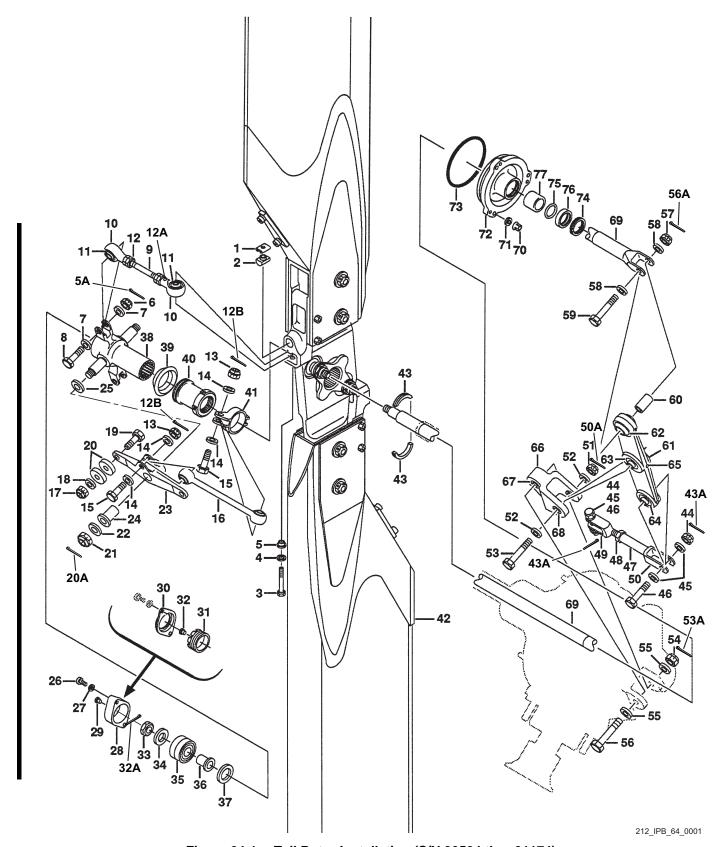


Figure 64-1. Tail Rotor Installation (S/N 30504 thru 31174)

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(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
1 2 2 3 3 4 4 5	209-011-700-003 209-011-700-015 209-011-700-017 NAS578-5A NAS577-5A NAS577B5A NAS1305-22H 20-057-5-22H AN960-516 NAS1149F0563P 212-010-769-001	Figure 64-1. Tail Rotor Installation (S/N 30504 thru 31174)  TAIL ROTOR INSTL (S/N 30504 THRU 30649) TAIL ROTOR INSTL (S/N 30650 THRU 30711) TAIL ROTOR INSTL (S/N 30712 THRU 30999, 31101 THRU 31174) RETAINER NUT (REPLACED BY NAS577B5A) NUT (REPLACES NAS577-5A) BOLT (REPLACED BY 20-057-5-22H) BOLT (REPLACES NAS1305-22H) WASHER (S/N 30504 THRU 30711) (REPLACED BY NAS1149F0563P) WASHER (S/N 30504 THRU 30711) (REPLACES AN960-516) BUSHING	1 1 1 2 2 2 2 2 2 2	NP NP PP P	
5A 5A 6 6 7 7 8 8 9	MS24665-153 MS24665-155 MS17825-5 MS14144L5 AN960-516 NAS1149F0563P NAS1305-14D 20-057-5-14D 212-010-712-001	PIN, COTTER (REPLACED BY MS24665-155) PIN, COTTER (REPLACES MS24665-153) NUT (REPLACED BY MS14144L5) NUT (REPLACES MS17825-5) WASHER (REPLACED BY NAS1149F0563P) WASHER (REPLACES AN960-516) BOLT (REPLACED BY 20-057-5-14D) BOLT (REPLACES NAS1305-14D) LINK ASSY (PRE TB 212-01-185) (NOTE 1) (REPLACED BY 212-011-710-001) LINK ASSY (PRE TB 212-01-185) (NOTE 1) (REPLACES	2 2 2 2 4 4 2 2 2	NP SP SP SP SP SP SP	
9 10	212-310-701-105 212-010-730-001	212-010-712-001)	2 2	SP NP	
10	212-010-783-101	(REPLACED BY 212-010-783-101)	2	SP	
11 11 12 12A 12B 13 14 14 15 15 16 16 17 17 18 18 19 20 20A 21 21 22 23 24 25 25	212-010-783-103 212-310-701-103 AN315-5R MS20613-3P8 MS24665-151 MS17825-4 MS14144L4 AN960-416 NAS1149F0463P NAS1304-12D NAS6604D12 212-010-711-001 212-010-711-003 NAS679A4 MS21042L4 AN960-416 NAS1149F0463P AN4-11A 212-010-710-001 MS24665-285 MS17826-6 MS14145L6 212-010-728-001 212-010-713-001 212-010-713-001 212-010-714-001 212-010-749-001	(REPLACES 212-010-730-001)BEARING (USBL ON 212-010-783-101)BEARING (POST TB 212-01-185) (USBL ON 212-310-701-105)NUTRIVETPIN, COTTERNUT (REPLACED BY MS14144L4)WIT (REPLACES MS17825-4)WASHER (REPLACED BY NAS1149F0463P)WASHER (REPLACED BY NAS6604D12)BOLT (REPLACES NAS1304-12D)LINK ASSY (REPLACED BY 212-010-711-003)LINK ASSY (REPLACES 212-010-711-001)NUT (REPLACED BY MS21042L4)NUT (REPLACED BY MS21042L4)WASHER (REPLACED BY NAS1149F0463P)WASHER (REPLACES AN960-416)BOLTWEIGHTPIN, COTTERNUT (REPLACED BY MS14145L6)NUT (REPLACED BY MS14145L6)NUT (REPLACES MS17826-6)WASHERBELLCRANKBUSHINGWASHER (PRE SI 212-49) (S/N 30504 THRU 30711)WASHER (POST SI 212-49) (S/N 30712 THRU 30999, 31101 THRU 31174)	2 1 2 1 4 4 4 8 8 4 4 2 2 4 4 4 4 4 8 2 2 2 2 2	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	



(1)	(2)	(3)	(4)	(5) A	(6
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	V A I L	0 C
		Figure 64-1. Tail Rotor Installation (S/N 30504 thru 31174) (Cont'd)			
26	NAS1304-10H	BOLT (PRE SI 212-49) (S/N 30504 THRU 30711) (REPLACED BY	2	Р	
20	NAS1304-1011	20-057-4-10H)	_	'	
26 26	20-057-4-10H AN502-10-10	. BOLT (PRE SI 212-49) (REPLACES NAS1304-10H)	2 2	SP SP	
27	AN960-416	31174)	2	NP	
27	NAS1149F0463P	. WASHER (PRE SI 212-49) (S/N 30504 THRU 30711) (REPLACES	2	SP	
27	AN960-10	AN960-416)	2	Р	
27	NAS1149F0363P	31174) (REPLACED BY NAS1149F0363P)	2	SP	
28	212-010-708-001	31174) (REPLACES AN960-10)	4	SP	
29	NAS516-1	FITTING (REPLACED BY NAS516-1A)		P	
29	NAS516-1A	FITTING (REPLACES NAS516-1)	1	SP	
30	212-010-772-001	. LOCK (POST SI 212-49) (S/N 30712 THRU 30999, 31101 THRU 31174)	1	SP	
31	212-010-773-001	RETAINER ASSY (POST SI 212-49) (S/N 30712 THRU 30999, 31101 THRU 31174)	1	SP	
32	NAS516-1	FITTING (REPLACED BY NAS516-1A)	7	Р	
32	NAS516-1A	. FITTING (REPLACES NAS516-1)	7	SP	
32A	MS24665-285	. PIN, COTTER	1	SP	
33	MS17826-8	. NUT (REPLACED BY MS14145L8)	1	NP	
33	MS14145L8	. NUT (REPLACES MS17826-8)	1	SP	
34	AN960-816	. WASHER (REPLACED BY NAS1149F0863P)	1	Р	
34	NAS1149F0863P	. WASHER (REPLACES AN960-816)	1	SP	
35	212-010-762-001	. BEARING	1	SP	
36	209-011-719-003	. SLEEVE	1	SP	
37	212-010-714-003	. WASHER	1	SP	
38 38	212-010-707-001 212-010-775-001	. CROSSHEAD (PRE SI 212-49) (S/N 30504 THRU 30711)	1	SP SP	
39	212-010-732-001	THRU 31174)	1	SP	
40	212-010-732-001	NUT		SP	
41	212-010-739-003	. SUPPORT (S/N 30504 THRU 30711) (REPLACED BY 212-010-739-007)	1	NP	
41	212-010-739-007	SUPPORT (REPLACES 212-010-739-003)	1	SP	
42	212-010-701-001	. HUB AND BLADE ASSY (S/N 30504 THRU 30649) (SEE FIG. 64-3 FOR BREAKDOWN) (REPLACED BY 212-010-701-023, -029	1	NP	
42	212-010-701-023	AND -143)	1	NP	
42	212-010-701-029	BY 212-010-701-029 AND -143)	1	NP	
42	212-010-701-143	212-010-701-001 AND -023) (REPLACED BY 212-010-701-143) . HUB AND BLADE ASSY (SEE FIG. 64-3 FOR BREAKDOWN) (REPLACES 212-010-701-001, -023 AND -029)	1	NP	
43	204-010-724-005	CONE SET	1	SP	
43A	MS24665-151	. PIN, COTTER	2	SP	
44	MS17825-4	. NUT (REPLACED BY MS14144L4)	2	NP	
44	MS14144L4	. NUT (REPLACES MS17825-4)	2	SP	
45	AN960-416	. WASHER (REPLACED BY NAS1149F0463P)	4	NP	
45	NAS1149F0463P	. WASHER (REPLACES AN960-416)	4	SP	
46	NAS1304-16D	. BOLT (REPLACED BY 20-057-4-16D)	2	NP	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	4 V 4 L	U 0 C
		Figure 64-1. Tail Rotor Installation (S/N 30504 thru 31174) (Cont'd)			
46	20-057-4-16D	BOLT (REPLACES NAS1304-16D)	2	SP	
47	209-011-713-003	LINK ASSY	1	SP	
48 49	AN316-6R 212-001-058-001	NUT	1	SP SP	
	212 001 000 001	(ALTERNATE PART)		0.	
49	212-001-058-101	CLEVIS	1	Р	
50 50A	209-011-714-001	CLEVIS	1	SP NP	
50A 50A	MS24665-153 MS24665-155	PIN, COTTER (REPLACED BY MS24665-155)	1	SP	
51	MS17825-5	NUT (REPLACED BY MS14144L5)	1	NP	
51	MS14144L5	. NUT (REPLACES MS17825-5)	1	SP	
52	AN960-516	. WASHER (REPLACED BY NAS1149F0563P)	2	P SP	
52 53	NAS1149F0563P NAS1305-28D	. WASHER (REPLACES AN960-516)	1	D P	
53	20-057-5-28D	BOLT (REPLACES NAS1305-28D)	1	SP	
53A	MS24665-153	. PIN, COTTER (REPLACED BY MS24665-155)	1	NP	
53A	MS24665-155	PIN, COTTER (REPLACES MS24665-153)	1	SP	
54 54	MS17825-5 MS14144L5	NUT (REPLACED BY MS14144L5)	1	NP SP	
55	AN960-516	WASHER (REPLACED BY NAS1149F0563P)	2	P	
55	NAS1149F0563P	. WASHER (REPLACES AN960-516)	2	SP	
56	NAS1305-34D	. BOLT (REPLACED BY 20-057-5-34D)	1	Р	
56 56A	20-057-5-34D MS24665-153	BOLT (REPLACES NAS1305-34D)	1	SP NP	
56A	MS24665-155	PIN, COTTER (REPLACES MS24665-153)	1	SP	
57	MS17825-5	. NUT (REPLACED BY MS14144L5)	1	NP	
57	MS14144L5	. NUT (REPLACES MS17825-5)	1	SP	
58 58	AN960-516   NAS1149F0563P	. WASHER (REPLACED BY NAS1149F0563P)	2	P SP	
59	NAS1305-22D	BOLT (REPLACED BY NAS6605D22)	1	NP	
59	NAS6605D22	. BOLT (REPLACES NAS1305-22D)	1	SP	
60	209-011-717-001	. RACE	1	SP	
61 62	209-011-712-001 209-011-715-001	LEVER ASSY BEARING	1	NP NP	
02	200 011 110 001	(ALTERNATE PART)			
62	209-011-715-003	BEARING (REPLACED BY 214-010-736-001)	1	NP	
62	214-010-736-001	BEARING (REPLACES 209-011-715-003) (REPLACED BY	1	NP	
62	214-011-720-101	214-011-720-101)	1	SP	
63	MS27647-5	BEARING (REPLACES 214-010-736-001)	1	SP	
64	MS28913-4C	BEARING	1	SP	
65	NAS516-1A	FITTING	3	SP	
66 67	209-011-711-001 MS27647-5	. IDLER ASSY	1	SP SP	
68	209-011-716-001	BUSHING	2	SP	
69	209-011-710-005	. TUBE ASSY, CONTROL	1	SP	
70	NAS679A4	NUT (REPLACED BY MS21042L4)	3	Р	
70 71	MS21042L4 AN960-416	. NUT (REPLACES NAS679A4)	3	SP NP	
71	NAS1149F0463P	. WASHER (REPLACED BY NAST149F0463P)	3	SP	
72	209-011-720-001	. HOUSING	1	SP	
73	MS29561-236	. PACKING, PREFORMED (REPLACED BY M83248/1-236)	1	Р	
73	M83248/1-236	. PACKING, PREFORMED (REPLACES MS29561-236) (REPLACED	1	SP	
73	AS3209-236	BY AS3209-236)	1	SP	
74	RR112CD	RETAINER (REPLACED BY M27426-3125B)	1	NP	
74	M27426-3125B	. RING (REPLACES RR112CD)	1	SP	
75	S30395-5G1	. EXCLUDER (USES PACKING M83461/1-117)	1	SP	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	υ o c
		Figure 64-1. Tail Rotor Installation (S/N 30504 thru 31174) (Cont'd)			
76 77	209-011-721-001 209-011-722-001	. HOUSING	1 1	SP NP	
77	209-011-722-003	209-011-722-003)	1	SP	
		NOTE 1: IF REPLACING LINK ASSEMBLY 212-010-712-001 OR 212-011-710-001 WITH LINK ASSEMBLY 212-310-701-105, ALSO REPLACE PITCH HORN ASSEMBLY 212-010-716-005, -009 OR -011 WITH PITCH HORN ASSEMBLY 212-010-716-115 AS A UNIT (BOTH LINK ASSEMBLIES AND BOTH PITCH HORNS MUST BE REPLACED).			
		AVAIL CODE DEFINITION			
		P Procurable NP Non Procurable SP Normal Stock/Procurable			
		Please see Chapter 1 for additional information on availability codes as well as general use of the Illustrated Parts Breakdown Manual.			



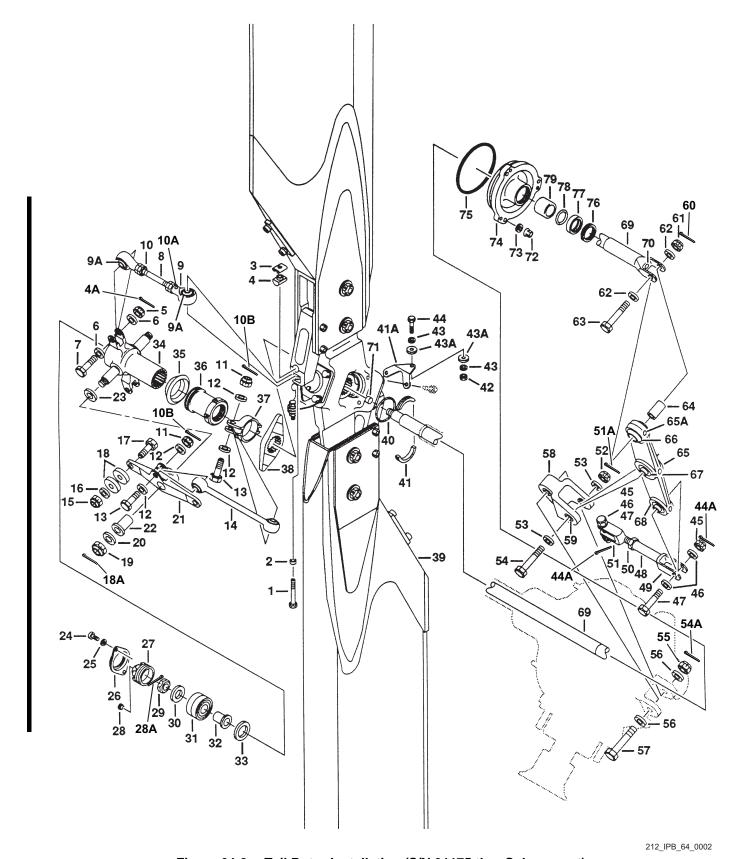


Figure 64-2. Tail Rotor Installation (S/N 31175 thru Subsequent)

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(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 64-2. Tail Rotor Installation (S/N 31175 thru Subsequent)			
_	212-011-700-001	TAIL ROTOR INSTL (S/N 31175 THRU SUB, 35001 THRU SUB)	1	NP	
1 1	NAS1305-20H NAS6605H20	BOLT (REPLACED BY NAS6605H20)	2	P SP	
2	212-011-711-001	BOLT (REPLACES NAS1305-20H)	2	SP	l
3	NAS578-5A	. RETAINER	2	SP	l
4	NAS577-5A	. NUT (REPLACED BY NAS577B5A)	2	Р	l
4 4A	NAS577B5A	. NUT (REPLACES NAS577-5A)	2	SP NP	
4A 5	MS24665-153 MS17825-5	PIN, COTTER	2	NP NP	
5	MS14144L5	NUT (REPLACES MS17825-5)	2	SP	
6	AN960-516	. WASHER (REPLACED BY NAS1149F0563P)	4	Р	
6	NAS1149F0563P	. WASHER (REPLACES AN960-516)	4	SP	
7 8	20-057-5-14D 212-011-710-001	. BOLT	2	SP SP	l
0	212-011-710-001	LINK ASSY (PRE TB 212-01-185) (NOTE 1) (S/N 31175 THRU 31311, 35001 THRU 35106)		SP	
8	212-310-701-101	. LINK ASSY (POST TB 212-01-185) (NOTE 1) (S/N 31312 THRU SUB, 35107 THRU SUB)	2	SP	
9	212-010-730-001	ROD END ASSY (USBL ON 212-010-710-001) (REPLACED BY 212-010-783-101)	2	NP	
9	212-010-783-101	ROD END ASSY (USBL ON 212-010-710-001) (REPLACES 212-010-730-001)	2	SP	
9A	212-010-783-103	BEARING (USBL ON 212-010-783-101)	1	SP	l
9A	212-310-701-103	BEARING (POST TB 212-01-185) (USBL ON 212-310-701-101) .	2	SP	l
10	AN315-5R	NUT	2	SP	l
10A 10B	MS20613-3P8 MS24665-151	RIVET	2	SP SP	l
10B 11	MS17825-4	PIN, COTTER	4	NP	l
11	MS14144L4	NUT (REPLACES MS17825-4)	4	SP	l
12	AN960-416	. WASHER (REPLACED BY NAS1149F0463P)	8	NP	l
12	NAS1149F0463P	. WASHER (REPLACES AN960-416)	8	SP	l
13	NAS1304-12D	BOLT (REPLACED BY NAS6604D12)	4	Р	l
13 14	NAS6604D12 212-010-711-003	BOLT (REPLACES NAS1304-12D)	2	SP SP	l
15	NAS679A4	NUT (REPLACED BY MS21042L4)	4	P	l
15	MS21042L4	. NUT (REPLACES NAS679A4)	4	SP	l
16	AN960-416	. WASHER (REPLACED BY NAS1149F0463P)	4	NP	l
16	NAS1149F0463P	. WASHER (REPLACES AN960-416)	4	SP SP	l
17 18	AN4-11A 212-010-710-001	BOLT	8	SP	
18A	MS24665-285	. PIN, COTTER	2	SP	
19	MS17826-6	. NUT (REPLACED BY MS14145L6)	2	NP	
19	MS14145L6	. NUT (REPLACES MS17826-6)	2	SP	l
20 21	212-010-728-001 212-011-705-001	. WASHER	2	SP SP	
22	212-011-705-001	BUSHING	1	SP	
23	212-010-749-001	. WASHER	2	SP	
24	AN502-10-10	. SCREW	2	SP	
25	AN960-10	. WASHER (REPLACED BY NAS1149F0363P)	2 2	Р	
25 26	NAS1149F0363P 212-010-772-001	. WASHER (REPLACES AN960-10)	1	SP SP	
27	212-010-772-001	RETAINER ASSY	1	SP	
28	NAS516-1A	FITTING	1	SP	
28A	MS24665-285	. PIN, COTTER	1	SP	
29	MS17826-8	NUT (REPLACED BY MS14145L8)	1	NP	
29 30	MS14145L8 AN960-816	NUT (REPLACES MS17826-8)	1	SP P	
30	NAS1149F0863P	. WASHER (REPLACES AN960-816)	1	SP	
31	212-010-762-001	BEARING	1	SP	l



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	4 V 4 _ L	J 0 U
		Figure 64-2. Tail Rotor Installation (S/N 31175 thru			
		Subsequent) (Cont'd)			
32	209-011-719-003	. SLEEVE	1	SP	
33	212-010-714-003	. WASHER	1	SP	
34	212-010-775-001	CROSSHEAD	1	SP	
35	212-010-732-001	. SHIELD	1	SP	
36	212-010-706-001	. NUT	1	SP	
37	212-010-739-007	. SUPPORT	1	SP	
38	212-011-713-001	. STOP (REPLACED BY 212-011-713-103)	1	NP	
38	212-011-713-103	. STOP (REPLACES 212-011-713-001)	1	SP	
39	212-011-701-001	. HUB AND BLADE ASSY, TAIL ROTOR (S/N 31175 THRU 31270) (SEE FIG. 64-4 FOR BREAKDOWN) (REPLACED BY 212-011-701-101)	1	NP	
39	212-011-701-101	. HUB AND BLADE ASSY, TAIL ROTOR (S/N 31271 THRU 31311,	1	NP	
00	2.2 0.1. 70.1 10.1	35001 THRU 35071) (SEE FIG. 64-4 FOR BREAKDOWN) (REPLACES 212-011-701-001)	·		
39	212-011-701-121	. HUB AND BLADE ASSY, TAIL ROTOR (S/N 35072 THRU 35103) (SEE FIG. 64-4 FOR BREAKDOWN)	1	NP	
39	212-011-701-133	. HUB AND BLADE ASSY (S/N 31312 THRU SUB, 35104 THRU SUB) (SEE FIG. 64-4 FOR BREAKDOWN)	1	Р	
40	MS29561-026	. PACKING, PREFORMED (REPLACED BY M83248/1-026)	1	NP	
40	M83248/1-026	. PACKING, PREFORMED (REPLACES MS29561-026)	1	SP	
41	212-011-714-001	. CONE SET	1	SP	
41A	212-011-726-001	. BRACKET	2	SP	
42	MS21042L4	. NUT	2	SP	
43	AN960-416	. WASHER (NOTE 2) (REPLACED BY NAS1149F0463P)	20	NP	
43	NAS1149F0463P	. WASHER (NOTE 2) (REPLACES AN960-416)	20	SP	
43A	AN970-4	. WASHER (NOTE 2)	4	SP	
44	NAS1304-1	BOLT (NOTE 2) (REPLACED BY NAS6604-1)	2	Р	
44 44	NAS6604-1 NAS1304-2	BOLT (NOTE 2) (REPLACES NAS1304-1)	2	SP P	
44	NAS1304-2 NAS6604-2	BOLT (NOTE 2) (REPLACED BY NAS6604-2)	2	SP	
44	NAS1304-2 NAS1304-3	BOLT (NOTE 2) (REPLACES NAS1304-2)	2	P	
44	NAS1304-3 NAS6604-3	BOLT (NOTE 2) (REPLACED BY NAS6604-3)	2	SP	
44	NAS1304-4	BOLT (NOTE 2) (REPLACED BY NAS6604-4)	2	P	
44	NAS6604-4	BOLT (NOTE 2) (REPLACES NAS1304-4)	2	SP	
44	NAS1304-6	BOLT (NOTE 2) (REPLACED BY NAS6604-6)	2	P.	
44	NAS6604-6	BOLT (NOTE 2) (REPLACES NAS1304-6)	2	SP	
44	NAS1304-8	BOLT (NOTE 2) (REPLACED BY NAS6604-8)	2	SP	
44	NAS6604-8	BOLT (NOTE 2) (REPLACES NAS1304-8)	2	SP	
44	NAS1304-10	BOLT (NOTE 2) (REPLACED BY NAS6604-10)	2	Р	
44	NAS6604-10	. BOLT (NOTE 2) (REPLACES NAS1304-10)	2	SP	
44	NAS1304-12	. BOLT (NOTE 2) (REPLACED BY NAS6604-12)	2	SP	
44	NAS6604-12	. BOLT (NOTE 2) (REPLACES NAS1304-12)	2	SP	
44	NAS1304-14	BOLT (NOTE 2) (REPLACED BY NAS6604-14)	2	Р	
44	NAS6604-14	BOLT (NOTE 2) (REPLACES NAS1304-14)	2	SP	
44A	MS24665-151	PIN, COTTER	2	SP	
45 45	MS17825-4	NUT (REPLACED BY MS14144L4)	2	NP	
45 46	MS14144L4 AN960-416	NUT (REPLACES MS17825-4)	2 4	SP	
46 46	NAS1149F0463P	WASHER (REPLACED BY NAS1149F0463P)	4	NP SP	
46 47	20-057-4-16D	. WASHER (REPLACES AN960-416)	2	SP	
4 <i>1</i> 48	209-011-713-003	BOLT	1	SP	
49	209-011-713-003	LINK ASSY	1	SP	
50	AN316-6R	NUT	1	SP	
51	212-001-058-001	CLEVIS	1	SP	
	212-001-058-101	CLEVIS	1	Р	
51	212-001-030-101				



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 64-2. Tail Rotor Installation (S/N 31175 thru Subsequent) (Cont'd)			
52 52 53 53	MS17825-5 MS14144L5 AN960-516 NAS1149F0563P	NUT (REPLACED BY MS14144L5)	1 1 2 2	NP SP P SP	
54 54A 55 55	20-057-5-28D MS24665-153 MS17825-5 MS14144L5	BOLT	1 1 1 1	SP NP NP SP	
56 56 57 58	AN960-516 NAS1149F0563P 20-057-5-34D 209-011-711-001	. WASHER (REPLACED BY NAS1149F0563P)	2 2 1 1	P SP SP SP	
59 60 61 61	209-011-716-001 MS24665-153 MS17825-5 MS14144L5	. BUSHING	2 1 1 1 1	SP NP NP SP	
62 62 63 64 65	AN960-516 NAS1149F0563P 20-057-5-22D 209-011-717-001 209-011-712-001	. WASHER (REPLACED BY NAS1149F0563P)	2 2 1 1 1 1	P SP SP SP NP	
65	209-011-712-101	(REPLACED BY 209-011-712-101)	1	SP	
65A 66	NAS516-1A 209-011-715-001	FITTING (USBL ON 209-011-712-101)	3 1	SP NP	
66 66 67	209-011-715-003 214-010-736-001 DW5	BEARING (USBL ON 209-011-712-001)	1 1 1	NP NP NP	
67 68 68 69 70 71 72	MS27647-5 MS27647-5G MS28913-4B MS28913-4C 209-011-710-005 4-SHORT 00SHORT MS21042L4	BEARING (USBL ON 209-011-712-001) (REPLACES DW5) BEARING (USBL ON 209-011-712-101) BEARING (REPLACED BY MS28913-4C) BEARING (REPLACES MS28913-4B) TUBE ASSY CORK CORK NUT	1 1 1 1 1 1 3	SP NP P SP SP SP SP	
73 74 75 75 76 76 77	AN960-416 NAS1149F0463P 209-011-720-001 MS29561-236 M83248/1-236 RR112CD M27426-3125B 209-011-721-001	WASHER (REPLACED BY NAS1149F0463P) WASHER (REPLACES AN960-416) HOUSING PACKING, PREFORMED (REPLACED BY M83248/1-236) PACKING, PREFORMED (REPLACES MS29561-236) RETAINER (REPLACED BY M27426-3125B) RING (REPLACES RR112CD) HOUSING	3 3 1 1 1 1 1	NP SP P SP	
78 79	\$30395-5G1 209-011-722-003	. EXCLUDER (USES PACKING MS28775-117)	1 1	SP SP	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 64-2. Tail Rotor Installation (S/N 31175 thru Subsequent) (Cont'd)			
		NOTE 2: USAGE IS AS REQUIRED TO BALANCE THE TAIL ROTOR ASSEMBLY. FOR COMBINATIONS AND PROCEDURES, REFER TO BHT-212-MM-1.			
		AVAIL CODE DEFINITION			
		P Procurable NP Non Procurable SP Normal Stock/Procurable			
		Please see Chapter 1 for additional information on availability codes as well as general use of the Illustrated Parts Breakdown Manual.			



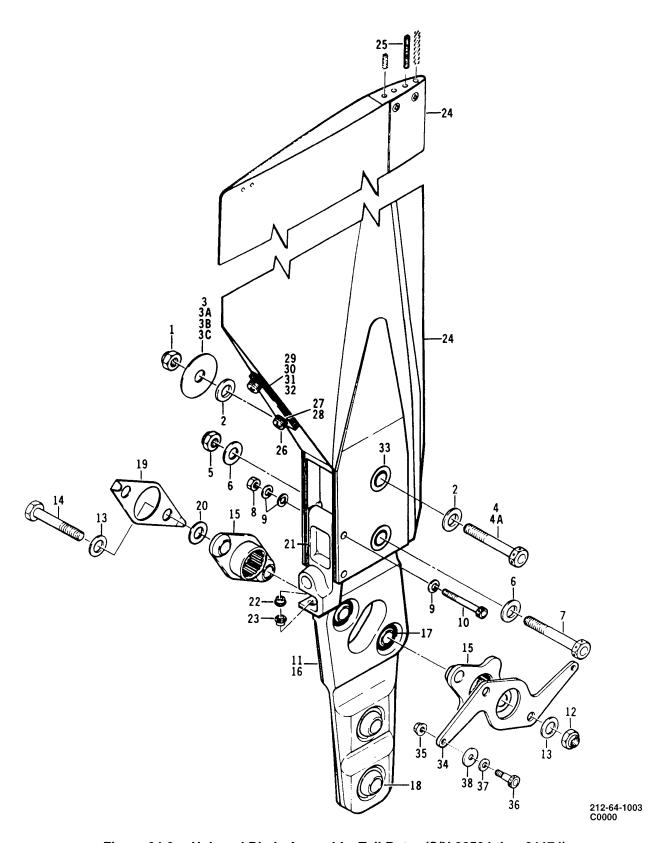


Figure 64-3. Hub and Blade Assembly, Tail Rotor (S/N 30504 thru 31174)



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	<b>500</b>
		Figure 64-3. Hub and Blade Assembly, Tail Rotor (S/N 30504 thru 31174)			
	212-010-701-001	HUB AND BLADE ASSY, TAIL ROTOR (S/N 30504 THRU 30679) (SEE FIG. 64-1 FOR NHA) (REPLACED BY 212-010-701-023, -029	REF	NP	
	212-010-701-023	AND -143)	REF	NP	
	212-010-701-029	(REPLACED BY 212-010-701-029 AND -143)	REF	NP	
	212-010-701-143	212-010-701-143)	REF	NP	
1 1	NAS1022A8 MS21245-L8	NUT (REPLACED BY MS21245-L8)	2	NP SP	
2	140-007-33-32C4	. NUT (REPLACES NAS1022A8)	4	SP	
3	AN960-816	. WASHER (NOTE 1) (REPLACED BY NAS1149F0863P)	2	Р	
3 3A	NAS1149F0863P	. WASHER (NOTE 1) (REPLACES AN960-816)	2	SP NP	
3A 3A	AN960-816L NAS1149F0832P	. WASHER (NOTE 1) (REPLACED BY NAS1149F0832P)	2	SP	
3B	AN970-8	. WASHER (NOTE 1) (REFEACES AN900-010E)	2	SP	
3C	212-010-764-001	. WASHER (NOTE 1)	2	SP	
4	NAS1308-34	. BOLT (REPLACED BY 20-057-8-34)	2	NP	
4	20-057-8-34	BOLT (REPLACES NAS1308-34)	2	SP	
4A 4A	NAS1308-36 20-057-8-36	BOLT (REPLACED BY 20-057-8-36)	2	NP SP	
4A 5	NAS1022A8	BOLT (REPLACES NAS1308-36)	2	NP	
6	140-007-33-32C4	. WASHER (NOTE 1)	4	SP	
7	NAS1308-34	BOLT (REPLACED BY 20-057-8-34)	2	NP	
7	20-057-8-34	. BOLT (REPLACES NAS1308-34)	2	SP	
7	NAS1308-36	BOLT (REPLACED BY 20-057-8-36)	2	NP	
7 8	20-057-8-36 NAS679A4	BOLT (REPLACES NAS1308-36)	2	SP P	
8	MS21042L4	NUT (REPLACED BY MS21042L4)	4	SP	
9	AN960-416	. WASHER (REPLACED BY NAS1149F0463P)	12	NP	
9	NAS1149F0463P	. WASHER (REPLACES AN960-416)	12	SP	
10	NAS1304-34	. BOLT (REPLACED BY 20-057-4-34)	4	Р	
10	20-057-4-34	BOLT (REPLACES NAS1304-34)	4	SP	
11	212-010-701-003	. HUB ASSY (USBL ON 212-010-701-001 AND -023) (REPLACED BY 212-010-701-031)	1	NP	
11	212-010-701-031	HUB ASSY (USBL ON 212-010-701-029)) (REPLACES	1	NP	
11	212-010-701-035	212-010-701-003) (REPLACED BY 212-010-701-035)	1	NP	
11	212-010-701-139	HUB ASSY (USBL ON 212-010-701-031)	1	SP	
12	NAS1022A8	NUT	2	NP	
13	140-007-33-32C4	WASHER	4	SP	
14	NAS1308-27	BOLT (REPLACED BY 20-057-8-27)	2 2	NP	
14 15	20-057-8-27 212-010-738-001	BOLT (REPLACES NAS1308-27)	1	SP SP	
16	212-010-744-001	YOKE ASSY (USBL ON 212-010-701-003) (REPLACED BY	1	NP	
16	212-010-704-001	212-010-704-107)	1	NP	
16	212-010-704-005	(ALTERNATE PART) YOKE ASSY (USBL ON 212-010-701-031 AND -035) (REPLACED BY 212-010-704-107)	1	Р	
16	212-010-744-005	(ALTERNATE PART)  YOKE ASSY (REPLACED BY 212-010-704-107)	1	NP	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME		4 V 4 _ L	U 0 C
		Figure 64-3. Hub and Blade Assembly, Tail Rotor (S/N 30504 thru 31174) (Cont'd)			
16	212-010-704-107	YOKE ASSY (USBL ON 212-010-701-139) (REPLACES 212-010-704-001, -005, 212-010-744-001 AND -005) (ALTERNATE PART)	1	SP	
16 17	212-010-744-107 212-010-723-001	YOKE ASSY BEARING (USBL ON 212-010-744-001) (REPLACED BY	1 2	P NP	
17	212-010-768-001	212-010-768-001, 212-010-782-101)	2	NP	
17 18	212-010-782-101 212-010-731-001	212-010-782-101)	2 4	SP NP	
18 19	205-012-710-001 212-010-778-001	BEARING	4 1	SP SP	
20 21	120-006C30E16 212-010-716-005	-035 AND -139)	1 2	SP NP	
21	212-010-716-009	-011)	2	NP	
21	212-010-716-011	BY 212-010-716-011)	2	SP	
21 22	212-010-716-115 212-010-729-001	AND -009)	2	SP SP	
22	212-011-732-103	BUSHING (USBL ON 212-010-716-115)	1	SP	
23	212-010-729-003	BUSHING (USBL ON 212-010-716-005)	1	NP	
24	212-010-750-009	. BLADE ASSY (USBL ON 212-010-701-001, -023 AND -029) (REPLACED BY 212-010-750-105)	2	NP	
24 24	212-010-750-105 212-010-750-113	. BLADE ASSY (REPLACES 212-010-750-009) (REPLACED BY 212-010-750-113)	2	NP SP	
24		BLADE ASSY (REPLACES 212-010-750-009 AND -105) (REPLACED BY 212-010-750-133)	_	SF	
24	212-010-750-133	. BLADE ASSY (REPLACES 212-010-750-113)	2	SP	
25	204-011-713-001	PLUG	6	SP	
26 27	MS51095-309	SCREW	2	SP	
27 27	AN960-416 NAS1149F0463P	WASHER (REPLACED BY NAS1149F0463P)	4	NP SP	
28	AN960PD416	WASHER (REPLACES AN960-416)	4	NP	
28	AN960JD416	WASHER (REPLACED BY NAS1149D04033, AN9003D410) WASHER (REPLACES AN960PD416) (REPLACED BY NAS1149D0463J)	4	Р	
28	NAS1149D0463J	WASHER (REPLACES AN960JD416, AN960PD416)	4	SP	
29	209-010-723-001	BALANCE WEIGHT	7	SP	
30	209-010-723-003	BALANCE WEIGHT	4	SP	
31	209-010-723-005	BALANCE WEIGHT	2	SP	
32 33	209-010-723-007 212-010-746-001	BALANCE WEIGHT	2 8	SP NP	
33	212-010-746-005	212-010-746-005)	8	SP	
33 34	212-010-746-005	BALANCE ARM (USBL ON 212-010-701-023, -029 AND -143)	1	SP	
35	MS21042L4	NUT	2	SP	
36	AN4-4A	BOLT (NOTE 1).	2	SP	
36	AN4-5A	BOLT (NOTE 1).	2	SP	
36	AN4-6A	BOLT (NOTE 1)	2	SP	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
36 36 36 36 36 36 36 37 37 38	AN4-7A AN4-10A AN4-11A AN4H-4A AN4H-5A AN4H-6A AN4H-7A AN4H-10A AN960-416 NAS1149F0463P AN970-4	Figure 64-3. Hub and Blade Assembly, Tail Rotor (S/N 30504 thru 31174) (Cont'd)  BOLT (NOTE 1)	2 2 2 2 2 2 2 2 2	S S S P P P P P P P P P P P P P P P P P	
		AVAIL CODE DEFINITION  P Procurable NP Non Procurable SP Normal Stock/Procurable  Please see Chapter 1 for additional information on availability codes as well as general use of the Illustrated Parts Breakdown Manual.			

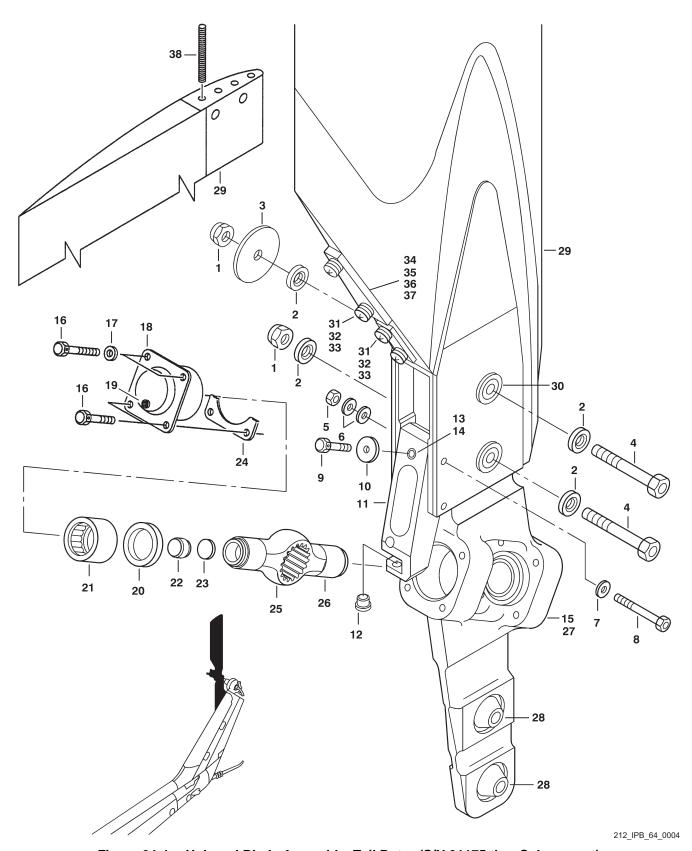


Figure 64-4. Hub and Blade Assembly, Tail Rotor (S/N 31175 thru Subsequent)



(1)	(2)	(3)			(6)
INDEX NUMBER	PART NUMBER	ITEM NAME		A V A I L	U 0 C
		Figure 64-4. Hub and Blade Assembly, Tail Rotor (S/N 31175 thru Subsequent)			
	212-011-701-001	HUB AND BLADE ASSY, TAIL ROTOR (S/N 31175 THRU 31270)	REF	NP	
	212-011-701-101	(SEE FIG. 64-2 FOR NHA) (REPLACED BY 212-011-701-101) HUB AND BLADE ASSY, TAIL ROTOR (S/N 31271 THRU 31311, 35001 THRU 35071) (SEE FIG. 64-2 FOR NHA) (REPLACES	REF	NP	
	212-011-701-121	212-011-701-001)	REF	NP	
	212-011-701-133 212-011-701-147	HUB AND BLADE ASSY, TAIL ROTOR (SEE FIG. 64-2 FOR NHA) . HUB AND BLADE ASSY, TAIL ROTOR (S/N 31312 THRU SUB, 35104 THRU SUB) (SEE FIG. 64-2 FOR NHA)	REF REF	P NP	
1 2 3 3 3 3 3 3 4 4 4 4 4 5 6 7 8 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	NAS1022A8 140-007-33-32C4 212-010-764-001 AN960-816 NAS1149F0863P AN960-816L NAS1149F0832P AN970-8 NAS1308-34 20-057-8-34 NAS1308-36 20-057-8-36 FN-26-428 MS20002-4 MS20002C4 EWB-26-4-34 AN4H4A AN4H5A AN4H6A AN4H7A AN4H10A AN970-4 AN960-416 NAS1149F0463P 212-011-708-001	NUT	4 8 6 6 6 6 6 6 4 4 6 6 4 8 4 4 2 2 2 2 2 10 6 6 2	P	
11 11	212-011-717-001 212-011-708-105	(ALTERNATE PART) . PITCH HORN ASSY (PRE TB 212-01-185) (NOTE 1)	2 2	P SP	
11 12 13 14 15	212-011-717-105 212-011-715-001 MS51990-106P MS51991-206 212-011-701-003	PITCH HORN ASSY (POST TB 212-01-185) (NOTE 1)	2 1 1 1	P SP SP SP NP	
15	212-011-701-125	212-011-701-125)	1	SP	
16 16 17 17 18	NAS1304-2H NAS6604H2 AN960-416 NAS1149F0463P 212-011-709-001	212-011-701-121 AND -133) (REPLACES 212-011-701-003)	8 8 8 8 2	P SP NP SP P	



INDEX DADT NUMBED		(4)	(5)	(6)
PART NUMBER	ITEM NAME		A V A I L	<b>500</b>
	Figure 64-4. Hub and Blade Assembly, Tail Rotor (S/N 31175 thru Subsequent) (Cont'd)			
18 212-011-716-001 18 212-011-729-101	(ALTERNATE PART) HOUSING ASSY (USBL ON 212-011-701-003)	2 2	SP SP	
19 NAS516-1 19 NAS516-1 20 71X7052 20 26001-7052 21 MS51961-9 22 212-011-712-001 23 120-008C13-0 24 212-011-731-101 25 212-011-704-001 26 212-011-707-001 27 212-011-707-001 28 205-012-710-001 29 212-010-750-105 29 212-010-750-105 29 212-010-750-133 30 212-010-750-133 30 212-010-746-001 30 212-010-746-005 31 MS51095-309 31 MS35206-284 32 AN960-416 33 AN960PD416 33 NAS1149F0463P 34 AN960JD416 35 NAS1149D0463J 34 209-010-723-001 35 209-010-723-001 36 209-010-723-005 37 209-010-723-007 38 204-011-713-001	212-011-701-125) . FITTING (REPLACED BY NAS516-1A) . FITTING (REPLACED BY NAS516-1A) . FITTING (REPLACED BY 26001-7052) . SEAL (REPLACED BY 26001-7052) . SEAL (REPLACES 71X7052) . BEARING . PLUG (USBL ON 212-011-701-003) . THRUST PLUG (USBL ON 212-011-701-125) . SHIM (USBL ON 212-011-701-003) . SHIM (USBL ON 212-011-701-003) . TRUNNION ASSY (USBL ON 212-011-701-003) . TRUNNION ASSY (USBL ON 212-011-704-001) . RACE (USBL ON 212-011-704-001) . RACE (USBL ON 212-011-704-001) . RACE (USBL ON 212-011-704-105) . YOKE ASSY . BEARING . BLADE ASSY (USBL ON 212-011-701-001) (REPLACED BY 212-010-750-105) . BLADE ASSY (USBL ON 212-011-701-101 AND -121) (REPLACES 212-010-750-009) (REPLACED BY 212-010-750-113) . BLADE ASSY (USBL ON 212-011-701-133) (REPLACES 212-010-750-009) (REPLACED BY 212-010-750-133) . BLADE ASSY (USBL ON 212-011-701-147) (REPLACES 212-010-750-13) . BLADE ASSY (USBL ON 212-011-701-147) (REPLACES 212-010-750-13) . BLADE ASSY (USBL ON 212-010-750-009) . BUFFER (USBL ON 212-010-750-009) . BUFFER (USBL ON 212-010-750-009) . BUFFER (USBL ON 212-010-750-009) . SCREW (REPLACED BY MS35206-284) . SCREW (REPLACED BY NAS1149F0463P) . WASHER (REPLACES AN960JD416) . BALANCE WEIGHT . B	1 1 2 2 2 2 2 2 4 1 1 2 2 1 4 2 2 2 2 4 4 4 4	$\mathcal{C}_{\mathcal{C}}$	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 64-4. Hub and Blade Assembly, Tail Rotor (S/N 31175 thru Subsequent) (Cont'd)			
		AVAIL CODE DEFINITION			
		P Procurable NP Non Procurable SP Normal Stock/Procurable			
		Please see Chapter 1 for additional information on availability codes as well as general use of the Illustrated Parts Breakdown Manual.			