

CHAPTER 62 — MAIN ROTOR

CONTENTS — ILLUSTRATED PARTS BREAKDOWN

Figure Number		Chapter/Section Number	Page Number	
62-1	Pylon Installation	. 62-99-00	2	
62-2	Stabilizer Bar Assembly (204-011-326 Series)	. 62-99-00	8	
62-3	Stabilizer Bar Assembly (212-010-300 Series)	. 62-99-00	12	
62-4	Hub and Blade Assembly	. 62-99-00	16	
62-5	Blade Assembly, Main Rotor, Thin Tip	. 62-99-00	20	
62-6	Hub Assembly, Main Rotor		24	
62-7	Hub Assembly, Main Rotor		30	
62-8	Pylon Assembly		34	
62-9	Swashplate and Support Assembly		38	
62-10	Scissors and Sleeve Assembly		44	



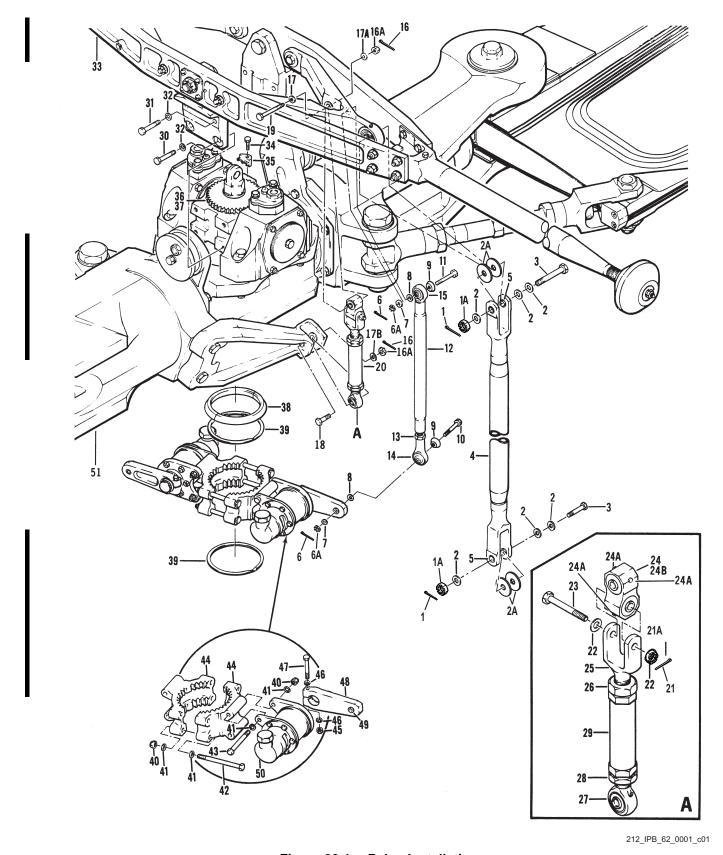


Figure 62-1. Pylon Installation

62-99-00 Page 2

Rev. 8 30 APR 2010



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-1. Pylon Installation			
	212-200-002-005	PYLON INSTL (S/N 30504 THRU 30596)	1	NP	
	212-200-002-025	PYLON INSTL (S/N 30597 THRU 30795)	1	NP	
	212-200-002-045	PYLON INSTL (S/N 30796 THRU 30800)	1	NP NP	
	212-200-002-057 212-200-002-053	PYLON INSTL (S/N 30801 THRU 30849)PYLON INSTL (S/N 30850 THRU 30883, 30886, 30924 THRU 30939)		NP	
	212-200-002-169	PYLON INSTE (3/N 30830 THRU 30885, 30886, 30924 THRU 30939)	1	NP	
	212-200-002-161	PYLON INSTL (S/N 30940 THRU 31176, 32101 THRU 32142)	1	NP	
	212-200-002-173	PYLON INSTL (S/N 31177 THRU 31221)	1	NP	
	212-200-002-177	PYLON INSTL (S/N 31222 THRU 31311, 35001 THRU 35056, 35060	1	NP	
	242 200 002 402	THRU 35062)		ND	
	212-200-002-183 212-200-002-007	PYLON INSTL (S/N 35057 THRU 35059, 35063 THRU 35103)	1	NP NP	
	212-200-002-007	PYLON ASSY (S/N 30504 THRU 30596) (SEE FIG. 62-8 FOR BALANCE OF BREAKDOWN)	'	INF	
	212-200-002-027	. PYLON ASSY (S/N 30597 THRU 30795) (SEE FIG. 62-8 FOR	1	NP	
		BALANCE OF BREAKDOWN)			
	212-200-002-047	. PYLON ASSY (S/N 30796 THRU 30800) (SEE FIG. 62-8 FOR	1	NP	
		BALANCE OF BREAKDOWN)			
	212-200-002-059	. PYLON ASSY (S/N 30801 THRU 30849) (SEE FIG. 62-8 FOR	1	NP	
	212-200-002-055	BALANCE OF BREAKDOWN)	1	NP	
	212-200-002-055	PYLON ASSY (S/N 30850 THRU 30883, 30886, 30924 THRU 30939) (SEE FIG. 62-8 FOR BALANCE OF BREAKDOWN)	ı	INP	
	212-200-002-171	. PYLON ASSY (S/N 30884 THRU 30885, 30887 THRU 30923) (SEE	1	NP	
		FIG. 62-8 FOR BALANCE OF BREAKDOWN)			
	212-200-002-163	. PYLON ASSY (S/N 30940 THRU 31176, 32101 THRU 32142) (SEE	1	NP	
		FIG. 62-8 FOR BALANCE OF BREAKDOWN)			
	212-200-002-175	. PYLON ASSY (S/N 31177 THRU 31221) (SEE FIG. 62-8 FOR	1	NP	
	040 000 000 470	BALANCE OF BREAKDOWN)		ND	
	212-200-002-179	. PYLON ASSY (S/N 31222 THRU 31285) (SEE FIG. 62-8 FOR	1	NP	
	212-200-002-181	BALANCE OF BREAKDOWN)	1	NP	
	212 200 002 101	THRU 35062) (SEE FIG. 62-8 FOR BALANCE OF BREAKDOWN)	_	'*'	
	212-200-002-185	PYLON ASSY (S/N 35057 THRU 35059, 35063 THRU 35103) (SEE	1	NP	
		FIG. 62-8 FOR BALANCE OF BREAKDOWN)			
1	MS24665-153	PIN, COTTER (REPLACED BY MS24665-155)	4	NP	
1	MS24665-155	PIN, COTTER (REPLACES MS24665-153)	4	SP	
1A	MS17825-5	NUT (REPLACED BY MS14144L5)	4	NP SP	
1A 2	MS14144L5 AN960-516	NUT (REPLACES MS17825-5)	12	P	
2	NAS1149F0563P	WASHER (REPLACES AN960-516)	12	SP	
2A	140-005-8-24-2	WASHER	8	SP	
3	20-057-5-27D	BOLT	4	SP	
4	212-010-404-005	TUBE ASSY	2	SP	
5 6	204-010-413-041 MS24665-151	BUSHING	4	SP SP	
6A	MS17826-4	NUT (REPLACED BY MS14145L4)	4	P	
6A	MS14145L4	NUT (REPLACES MS17826-4)	4	SP	
7	AN960PD416	WASHER (REPLACED BY AN960JD416)	4	NP	
7	AN960JD416	WASHER (REPLACES AN960PD416) (REPLACED BY	4	Р	
7	NAS1149D0463J	NAS1149D0463J)	4	60	
7 8	AN960-416	WASHER (REPLACES AN960JD416)	4	SP NP	
8	NAS1149F0463P	WASHER (REPLACES AN960-416)	4	SP	
9	206-010-324-001	WASHER	4	SP	
10	AN174-15	BOLT	2	SP	
11	AN174-20	BOLT	2	SP	
12 13	204-010-925-009 AN316-7R	TUBE ASSY	2	SP SP	
14	047-140-252-003	ROD END	1	SP	
•	1 1 - 3 - 3				



INDEX NUMBER					4
	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-1. Pylon Installation (Cont'd)			
15	047-140-252-005	ROD END	1	SP	
16	MS24665-300	PIN, COTTER (REPLACED BY MS24665-302)	4	NP	
16	MS24665-302	PIN, COTTER (REPLACES MS24665-300)	4	SP	l
16A	MS17825-6	NUT (REPLACED BY MS14144L6)	4	NP	l
16A 17	MS14144L6	NUT (REPLACES MS17825-6)	4 2	SP SP	l
17A	MS20002C6 AN960-616	WASHER	2	SP	l
17A	NAS1149F0663P	WASHER (REPLACES AN960-616)	2	SP	l
17B	AN960-616L	WASHER (REPLACED BY NAS1149F0632P)	2	P	l
17B	NAS1149F0632P	WASHER (REPLACES AN960-616L)	2	SP	
18	20-057-6-31D	BOLT	2	SP	l
19	20-057-6-34D	BOLT	2	SP	l
20	204-011-127-001	LINK ASSY (S/N 30504 THRU 30695) (REPLACED BY 204-011-127-003)	2	SP	
20	204-011-127-003	LINK ASSY (S/N 30696 THRU 31311, 32101 THRU 32142, 35001 THRU 35103) (REPLACES 204-011-127-001)	2	SP	
21	AN381-3-10	PIN, COTTER (REPLACED BY MS24665-302)	1	NP	
21	MS24665-302	PIN, COTTER (REPLACES AN381-3-10)	1	SP	
21A	MS17825-6	NUT (REPLACED BY MS14144L6)	1	NP	1
21A	MS14144L6	NUT (REPLACES MS17825-6)	1	SP	1
22	AN960-616	WASHER (REPLACED BY NAS1149F0663P)	2	SP SP	1
22 23	NAS1149F0663P 20-057-6-27D	WASHER (REPLACES AN960-616)	1	SP	1
23 24	204-011-128-001	BOLT	1	NP	1
24	212-010-412-001	UNIVERSAL BEARING (REPLACES 204-011-128-001)	1	SP	1
24A	NAS516-1	FITTING (REPLACED BY NAS516-1A)	4	P	1
24A	NAS516-1A	FITTING (REPLACES NAS516-1)	4	SP	
24B	204-011-118-001	BEARING (USBL ON 204-011-128-001)	2	SP	1
25	204-011-136-001	CLEVIS (REPLACED BY 204-011-136-103)	1	NP	
25	204-011-136-103	CLEVIS (REPLACES 204-011-136-001)	1	SP	1
26	NAS509-10	NUT	1	SP	1
27	204-011-119-001	BEARING, ROD END (USBL ON 204-011-127-001) (REPLACED	1	SP	
27	212 010 122 101	BY 212-010-123-101)	1	SP	1
28	212-010-123-101 NAS509L10	BEARING, ROD END (REPLACES 204-011-119-001)	1	SP	1
29	204-011-137-001	BARREL	1	SP	
30	NAS1306-5H	BOLT (REPLACED BY NAS6606H5)	4	NP	
30	NAS6606H5	BOLT (REPLACES NAS1306-5H)	4	SP	
31	NAS1306-12H	BOLT (REPLACED BY NAS6606H12)	4	NP	
31	NAS6606H12	BOLT (REPLACES NAS1306-12H)	4	SP	l
32 32	AN960PD616 AN960JD616	WASHER (REPLACED BY AN960JD616)	8 8	NP P	
22	NA C11 40 DOGGO I	NAS1149D0663J)	0	SP	
32 33	NAS1149D0663J 204-011-326-007	WASHER (REPLACES AN960JD616)	8 1	P Pr	
33	204-011-326-013	212-010-300-001 AND -105)	1	Р	
33	204-011-326-015	(REPLACED BY 212-010-300-001 AND -105)	1	NP	
33	212-010-300-001	FOR BREAKDOWN) (REPLACED BY 212-010-300-105)	1	NP	



					(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 62-1. Pylon Installation (Cont'd)			
33	212-010-300-105	STABILIZER BAR ASSY (S/N 35064, 35066 THRU 35103) (SEE FIG. 62-3 FOR BREAKDOWN) (REPLACES 204-011-326-007,	1	SP	
34	AN4H10A	-013 AND -015, 212-010-300-001)	1	SP	l
35	204-010-132-001	LOCK	1	SP	
36	204-010-481-001	NUT	1	SP	l
37	204-010-128-001	WASHER	1	SP	l
38	204-010-127-001	CONE SET	1	SP	
39	M27426-1186B	RING, RETAINING (REPLACED BY M2742610186B)	2	NP	l
39	M2742610186B	RING, RETAINING (REPLACES M27426-1186B)	2	P P	l
40 40	NAS679A4 MS21042L4	NUT (REPLACED BY MS21042L4)	8 8	SP	l
41	AN960PD416	NUT (REPLACES NAS679A4)	16	NP	l
41	AN960JD416	WASHER (REPLACES AN960PD416) (REPLACED BY NAS1149D0463J)	16	P	
41	NAS1149D0463J	WASHER (REPLACES AN960JD416)	16	SP	l
42	AN4-33A	BOLT	4	SP	l
43	AN4-27A	BOLT	4	SP	l
44	204-010-922-009	ADAPTER SET	1	SP	
45 45	NAS679A4 MS21042L4	NUT (REPLACED BY MS21042L4)	2 2	P SP	l
45 46	AN960PD416	NUT (REPLACES NAS679A4)	4	NP	l
46	AN960JD416	WASHER (REPLACED BY AN960JD416)	4	Р	
46	NAS1149D0463J	WASHER (REPLACES AN960JD416)	4	SP	
47	AN4-16A	BOLT	2	SP	l
48	212-010-301-001	LEVER ASSY (NOTE 1) (REPLACED BY 212-010-301-105)	2	Р	l
48	212-010-301-105	LEVER ASSY (NOTE 1) (REPLACES 212-010-301-001)	2	SP	l
49	22-006-15-34-16	BUSHING	1	SP	l
50	204-010-937-009	DAMPER ASSY (NOTE 1) (REPLACED BY 204-010-937-105) (ALTERNATE PART)	2	SP	
50	204-010-937-103	DAMPER ASSY (USBL ON 212-200-002-027, -047, -055, -059,	2	NP	
50	204-010-937-105	-163, -171, -179, -181 AND -185)	2	SP	
51	204-012-100-017	-103)	1	NP	
51	204-012-100-029		1	NP	
51	204-012-100-027	HUB AND BLADE ASSY (S/N 30850 THRU 31285, 32101 THRU 32142) (SEE FIG. 62-4 FOR BREAKDOWN) (REPLACED BY	1	NP	
51	204-012-100-139	204-012-100-161)	1	NP	
51	204-012-100-147	HUB AND BLADE ASSY (S/N 35057 THRU 35059, 35063 THRU 35090) (SEE FIG. 62-4 FOR BREAKDOWN) (REPLACED BY	1	NP	
51	204-012-100-149	204-012-100-161)	1	Р	
51	204-012-100-161	HUB AND BLADE ASSY (SEE FIG. 62-4 FOR BREAKDOWN) (REPLACES 204-012-100-017, -027, -029, -139, -147 AND -149)	1		



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-1. Pylon Installation (Cont'd)			
		NOTE 1: FOR SPARE PART REPLACMENT OF EITHER LEVER ASSEMBLY 212-010-301-001 OR DAMPER ASSEMBLY 204-010-937-009, CUSTOMERS SHOULD REMOVE BOTH THE 212-010-301-001 AND 204-010-937-009, AND REPLACE WITH LEVER ASSEMBLY 212-010-301-105 AND DAMPER ASSEMBLY 204-010-937-105 AS A UNIT.			
		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.			



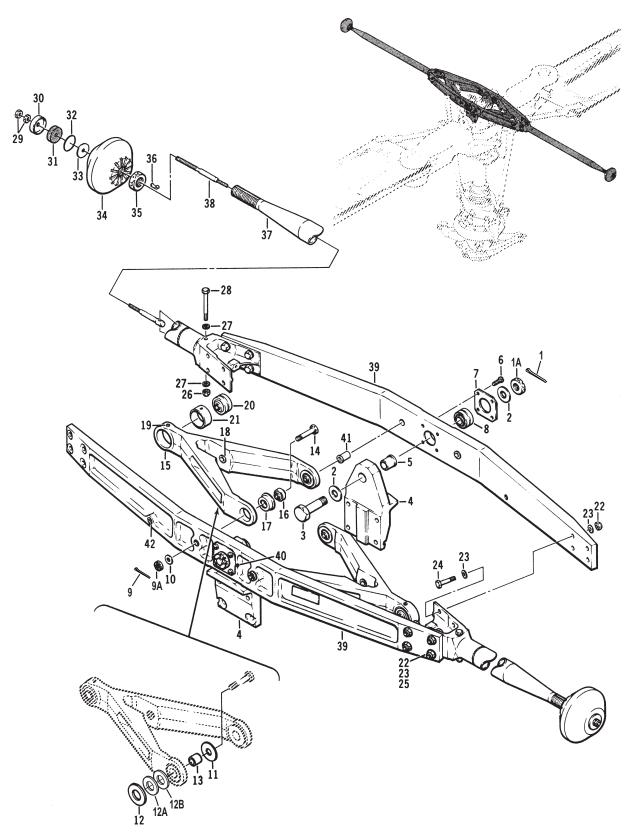


Figure 62-2. Stabilizer Bar Assembly (204-011-326 Series)

212_IPB_62_0002_c01

62-99-00 Page 8

Rev. 8 30 APR 2010



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-2. Stabilizer Bar Assembly (204-011-326 Series)			
	204-011-326-007	STABILIZER BAR ASSY (NOTE 1) (S/N 30504 THRU 30596) (SEE FIG. 62-1 FOR NHA) (REPLACED BY 204-011-326-013,	REF	Р	
	204-011-326-013	212-010-300-001 AND -105)	REF	Р	
	204-011-326-015	BY 212-010-300-001 AND -105)	REF	NP	
	212-010-300-001	STABILIZER BAR ASSY (NOTE 1) (S/N 30866 THRU 31311, 32101 THRU 32142, 35001 THRU 35063, 35065) (SEE FIG. 62-1 FOR NHA) (SEE FIG. 62-3 FOR BREAKDOWN) (REPLACES	REF	NP	
	212-010-300-105	204-011-326-015) (REPLACED BY 212-010-300-105)	REF	SP	
1	MS24665-370	PIN, COTTER	2	SP	
1A	F12NE4717-108	. NUT (REPLACED BY MS14145L10)	2	NP	
1A 2	MS14145L10 AN960-1016	. NUT (REPLACES F12NE4717-108)	2	SP P	
2	NAS1149F1063P	. WASHER (REPLACED BY NAST149F1003P)	4	SP	
3	NAS464-10-27	BOLT (REPLACED BY 20-057-10S27D)	2	NP	
3	20-057-10S27D	BOLT (REPLACES NAS464-10-27)	2	SP	
4	204-011-304-001	. SUPPORT ASSY (REPLACED BY 204-011-304-105)	2	NP	
4	204-011-304-105	. SUPPORT ASSY (REPLACES 204-011-304-001)	1	SP	
5	204-010-413-043	BUSHING	1	SP	
6	AN502-416-12	. SCREW	8	SP	
7 8	204-011-308-001 204-011-310-001	BEARING RETAINER	2	SP SP	
9	MS24665-300	BEARING SET	4	NP	
9	MS24665-302	PIN, COTTER (REPLACED BY MS24665-302)	4	SP	
9A	MS17826-6	NUT (REPLACED BY MS14145L6)	4	NP	
9A	MS14145L6	NUT (REPLACES MS17826-6)	4	SP	
10	AN960-616	. WASHER (REPLACED BY NAS1149F0663P)	4	SP	
10	NAS1149F0663P	. WASHER (REPLACES AN960-616)	4	SP	
11	212-010-304-001	. WASHER (USBL ON 204-011-326-013 AND -015)	4	SP	
12	212-010-310-001	. WASHER (USBL ON 204-011-326-013 AND -015)	4	SP	
12A	140-009B25C39	. WASHER (USBL ON 204-011-326-013 AND -015)	4	SP SP	
12B 13	140-009D25C39 212-010-303-001	. WASHER (USBL ON 204-011-326-013 AND -015)	8 4	SP SP	
14	NAS464-6-20	BOLT (USBL ON 204-011-326-007) (REPLACED BY 20-057-6S20D)	4	Р	
14	20-057-6S20D	BOLT (USBL ON 204-011-326-007) (REPLACED BT 20-037-0320D) BOLT (USBL ON 204-011-326-007) (REPLACES NAS464-6-20)	4	SP	
14	NAS464P6-23	. BOLT (USBL ON 204-011-326-013 AND -015) (REPLACED BY 20-057-6S23D)	4	Р	
14	20-057-6S23D	BOLT (USBL ON 204-011-326-013 AND -015) (REPLACES NAS464P6-23)	4	SP	
15	204-011-301-001	. LEVER ASSY (USBL ON 204-011-326-007) (REPLACED BY	2	SP	
15	212-010-302-001	212-010-302-001 AND -105)	2	SP	
15 16	212-010-302-105 AN201KP6A	LEVER ASSY (REPLACES 204-011-301-001, 212-010-302-001) BEARING (USBL ON 204-011-301-001) (REPLACED BY	2 2	SP NP	
16 16	MS27641-6 MS20201KP10A	MS27641-6)	2 2	SP NP	

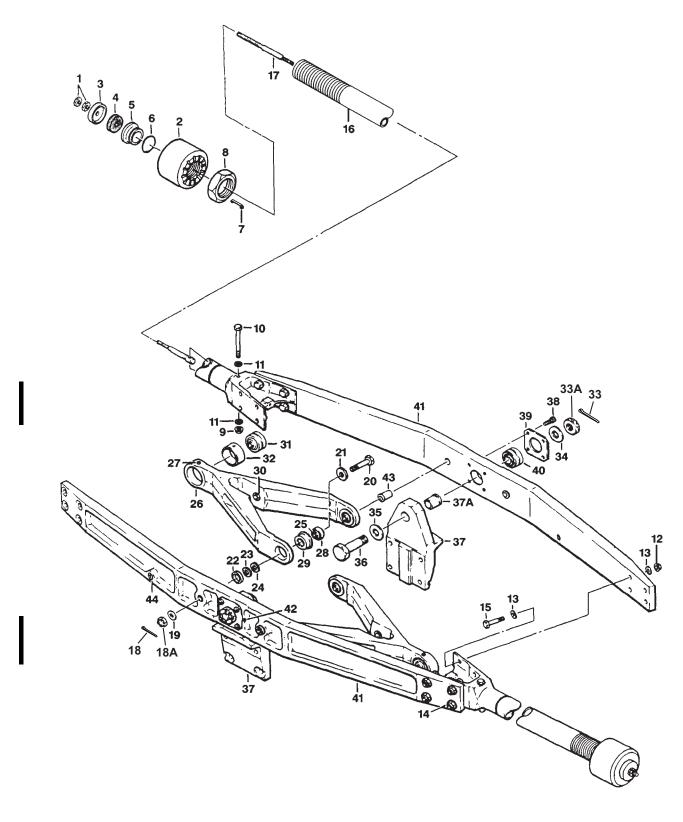


(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-2. Stabilizer Bar Assembly (204-011-326 Series) (Cont'd)			
16	MS27641-10	BEARING (USBL ON 212-010-302-001 AND -105) (REPLACES	2	SP	
17	204-010-422-003	MS20201KP10A)	2	NP	
17	204-010-422-017	204-010-422-017)	2	SP	
17 18 19 19 20	204-010-422-021 204-010-413-033 NAS516-1 NAS516-1A BR5R	204-010-422-003)	2 2 1 1	SP SP P SP NP	
20 20 21	DAS5-20A-41 MS28913-5C 120-014-5A	DAS5-20A-41)	1 1 1	SP SP SP	
21 22 22 23 23 24 25 26 26 27 27	120-013-5A NAS679A5 MS21042L5 AN960-516 NAS1149F0563P AN175-11A AN175-10A NAS679A4 MS21042L4 600-742-1-4	SLEEVE	1 16 16 32 32 8 8 2 2 4	S P P P P P P P P P P P P P P P P P P P	
27	600-742-1/4	600-742-1/4)	4	Р	
27 28 29 30 31 31 32 33 34	600-0742-1/4 AN174-23A AN315-5R 204-011-334-001 204-011-333-001 540-011-322-001 MS29513-119 204-011-332-001 204-011-303-007	600-0742-1/4) . STAT-O-SEAL (REPLACES 600-742-1/4) . BOLT . NUT . RETAINER . BUSHING (REPLACED BY 540-011-322-001) . BUSHING (REPLACES 204-011-333-001) . PACKING, PREFORMED (S/N 30866 THRU 30939) . WASHER . WEIGHT (S/N 30504 THRU 30865) (REPLACED BY	4 2 4 2 2 2 2 2 2 2	SP SP SP SP P SP SP SP SP SP SP SP SP SP	
34 35 35 36	212-010-306-001 NAS509-12 NAS509-24 NAS559-5	212-010-306-001)	2 2 2 2	SP SP SP SP	
36 37	NAS559-9 204-011-328-001	NAS559-9)	2 2	SP NP	
37	204-011-328-011	204-011-328-011, 540-011-319-001, 212-010-311-107) TUBE ASSY (S/N 30680 THRU 30865) (REPLACES 204-011-328-001) (REPLACED BY 540-011-319-001,	2	Р	
37	540-011-319-001	212-010-311-107)	2	NP	
37	212-010-311-107	(REPLACED BY 212-010-311-107)	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
		Figure 62-2. Stabilizer Bar Assembly (204-011-326 Series) (Cont'd)			
38 39	204-011-329-001 204-011-307-001	. CABLE ASSY	2 2	SP NP	
39 40 40 41 42	204-011-307-105 NAS516-1 NAS516-1A 204-010-413-045 204-010-413-047	204-011-307-105) FRAME ASSY (REPLACES 204-011-307-001) FITTING (REPLACED BY NAS516-1A) FITTING (REPLACES NAS516-1) BUSHING, SLEEVE BUSHING, SLEEVE NOTE 1: UNLESS OTHERWISE NOTED, ALL DETAIL PARTS ARE USED ON THE STABILIZER BAR ASSEMBLY 204-011-326-007, -013 AND -015.	2 1 1 2 1	SP P SP SP SP	
		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.			





212_IPB_62_0003

Figure 62-3. Stabilizer Bar Assembly (212-010-300 Series)

62-99-00 Page 12

Rev. 8 30 APR 2010

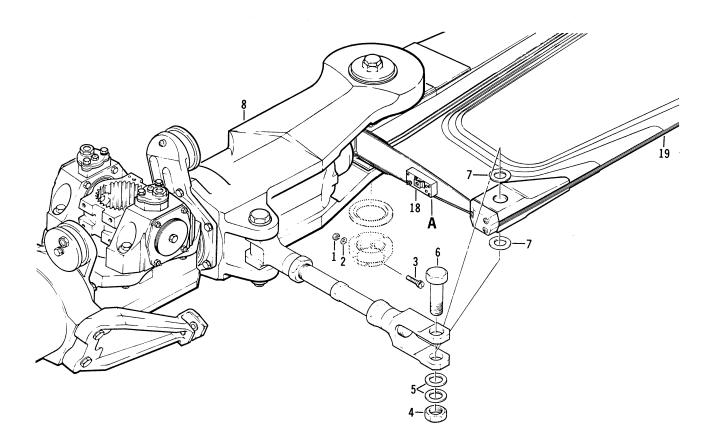


(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-3. Stabilizer Bar Assembly (212-010-300 Series)			
	212-010-300-001	STABILIZER BAR ASSY (S/N 30866 THRU 31311, 32101 THRU 32142, 35001 THRU 35063, 35065) (SEE FIG. 62-1 FOR NHA)	REF	NP	
	212-010-300-105	(REPLACED BY 212-010-300-105)	REF	SP	
1	AN315-5R	. NUT	4	SP	
2 3	212-010-306-001 204-011-334-001	WEIGHT	2	SP SP	
4	204-011-334-001	RETAINER BUSHING BUSHING RETAINER RETAINER	2	SP	
5	540-011-322-001	BUSHING	2	SP	
6	MS29513-119	. PACKING, PREFORMED	2	SP	
7	NAS559-9	. ROD END LOCK	2	SP	
8	NAS509-24	. NUT	2	SP	
9 10	MS21042L4 AN174-23A	NUTBOLT	2	SP SP	
11	600-742-1/4	STAT-O-SEAL	4	SP	
12	MS21042L5	. NUT, SELF-LOCKING	16	SP	
13	AN960-516	. WASHER (REPLACED BY NAS1149F0563P)	32	Р	
13	NAS1149F0563P	. WASHER (REPLACES AN960-516)	32	SP	
14	AN175-10A	BOLT	8	SP	
15 16	AN175-11A 540-011-319-001	. BOLT	8 2	SP NP	
16	212-010-311-107	TUBE ASSY (REPLACED BY 212-010-311-107)	2	SP	
17	204-011-329-001	CABLE ASSY	2	SP	
18	MS24665-283	. PIN, COTTER (REPLACED BY MS24665-285)	4	NP	
18	MS24665-285	PIN, COTTER (REPLACES MS24665-283)	4	SP	
18A	MS17826-6	. NUT (REPLACED BY MS14145L6)	4	NP	
18A 19	MS14145L6 AN960-616	NUT (REPLACES MS17826-6)	4	SP SP	
19	NAS1149F0663P	. WASHER (REPLACES AN960-616)	4	SP	
20	20-057-6S24D	BOLT	4	SP	
21	140-007-25S36B4	WASHER	4	SP	
22	212-010-310-001	. WASHER	4	SP	
23	140-009B25C39	. WASHER (NOTE 1)	4	SP	
24 25	140-009D25C39 212-010-303-001	. WASHER (NOTE 1)	8 4	SP SP	
26	212-010-303-001	LEVER ASSY (USBL ON 212-010-300-001) (REPLACED BY	2	SP	
		212-010-302-105)	-	-	
26	212-010-302-105	LEVER ASSY (REPLACES 212-010-302-001)	2	SP	
27	NAS516-1	FITTING (REPLACED BY NAS516-1A)	4	Р	
27	NAS516-1A	FITTING (REPLACES NAS516-1)	4	SP	
28 29	MS27641-10 204-010-422-021	BEARING	4	SP SP	
30	204-010-422-021	LINER	4	SP	
31	MS28913-5C	BEARING	2	SP	
32	120-014-5A	SLEEVE	2	SP	
33	MS24665-353	. PIN, COTTER	2	SP	
33A	MS17826-10	NUT (REPLACED BY MS14145L10)	2	NP	
33A 34	MS14145L10 AN960-1016	NUT (REPLACES MS17826-10)	2	SP P	
34	NAS1149F1063P	. WASHER (REPLACED BY NAS1149F1063P)	2	SP	
35	140-007-41S38C4	. WASHER	2	SP	
36	20-057-10S29D	BOLT	2	SP	
37	204-011-304-001	. SUPPORT ASSY (USBL ON 212-010-300-001) (REPLACED BY 204-011-304-105)	2	NP	
37	204-011-304-105	. SUPPORT ASSY (REPLACES 204-011-304-001)	2	SP	
37A	204-010-413-043	BUSHING	2	SP	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
38 39 40 41 41 42 42 43 44	AN502-416-12 204-011-308-001 204-011-310-001 204-011-307-001 204-011-307-105 NAS516-1 NAS516-1A 204-010-413-045 204-010-413-047	Figure 62-3. Stabilizer Bar Assembly (212-010-300 Series) (Cont'd) SCREW. BEARING RETAINER. BEARING SET. FRAME ASSY, CENTER (NOTE 2) (REPLACED BY 204-011-307-105). FRAME ASSY, CENTER (NOTE 2) (REPLACES 204-011-307-001) FITTING (REPLACED BY NAS516-1A). FITTING (REPLACES NAS516-1). BUSHING. NOTE 1: MAXIMUM QUANTITY SHOWN. REFER TO MAINTENANCE MANUAL FOR USAGE. NOTE 2: WHEN ORDERING ONLY ONE CENTER FRAME ASSEMBLY 204-011-307-001 OR -105, CUSTOMER MUST MEASURE THE THICKNESS OF THE KEPT CENTER FRAME ASSEMBLY WHERE BOTH CENTER FRAME ASSEMBLIES WILL MATE. THE MEASUREMENT SHOULD BE TAKEN HALFWAY BETWEEN THE OPPOSITE ENDS (THE CENTER). IF THE MEASUREMENT IS BETWEEN 0.720 TO 0.780 INCH, CUSTOMER CAN ORDER ONE CENTER FRAME ASSEMBLY 204-011-307-105. IF THE	8 2 2 1 1 2 1	SP S	
		MEASUREMENT IS GREATER THAN 0.720 TO 0.780 INCH, CUSTOMER MUST REPLACE BOTH CENTER FRAME ASSEMBLIES. 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.			





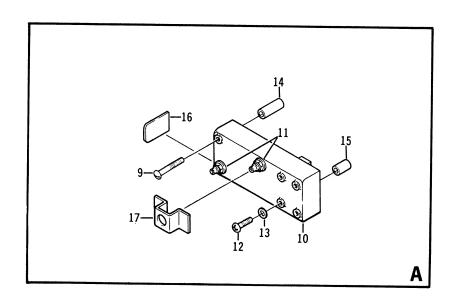


Figure 62-4. Hub and Blade Assembly



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-4. Hub and Blade Assembly			
	204-012-100-017	HUB AND BLADE ASSY (S/N 30504 THRU 30800) (SEE FIG. 62-1 FOR NHA) (REPLACED BY 204-012-100-161)	REF	NP	
	204-012-100-029	HUB AND BLADE ASSY (S/N 30801 THRU 30849) (SEE FIG. 62-1 FOR NHA) (REPLACED BY 204-012-100-161)	REF	NP	
	204-012-100-027	HUB AND BLADE ASSY (S/N 30850 THRU 31285, 32101 THRU 32142) (SEE FIG. 62-1 FOR NHA) (REPLACED BY	REF	NP	
	204-012-100-139	204-012-100-161)	REF	NP	
	204-012-100-147	(REPLACED BY 204-012-100-161)	REF	NP	
	204-012-100-149	204-012-100-161)	REF	Р	
	204-012-100-161	FOR NHA) (REPLACED BY 204-012-100-161)	REF		
1	NAS679A08	204-012-100-017, -027, -029, -139, -147 AND -149)	2	NP	
1	MS21042L08	. NUT (REPLACES NAS679A08)	2	SP	
2	AN960-8	. WASHER (REPLACED BY NAS1149FN832P)	2	SP	
2	NAS1149FN832P	. WASHER (REPLACES AN960-8)	2	SP	
3	AN503-8-12	SCREW	2	SP	
4	NAS1022A14	. NUT (REPLACED BY MS21245-L14)	2	NP	
4	MS21245-L14	. NUT (REPLACES NAS1022A14)	2	SP	
5	AN960-1416	. WASHER (REPLACED BY NAS1149F1490P)	4	SP	
5	NAS1149F1490P	. WASHER (REPLACES AN960-1416)	4	SP	
6	204-011-166-001	BOLT, DRAG RACE, BLADE, MAIN ROTOR (S/N 30504 THRU 30704) (REPLACED BY 204-011-166-007)	2	NP	
6	204-011-166-007	. BOLT, DRAG RACE, BLADE, MAIN ROTOR (S/N 30705 THRU 31311, 32101 THRU 32142, 35001 THRU SUB) (REPLACES 204-011-166-001)	2	SP	
7	120-008C58E29	SHIM.	4	SP	
8	204-012-101-009	. HUB ASSY, MAIN ROTOR (S/N 30504 THRU 30680) (SEE FIG. 62-6	1	NP	
8	204-012-101-023	FOR BREAKDOWN) (REPLACED BY 204-012-101-153)	1	NP	
		FOR BREAKDOWN) (REPLACED BY 204-012-101-029 AND -153)			
8	204-012-101-029	. HUB ASSY, MAIN ROTOR (S/N 30705 THRU 31285, 32101 THRU 32142) (SEE FIG. 62-6 FOR BREAKDOWN) (REPLACES	1	NP	
8	204-012-101-143	204-012-101-023) (REPLACED BY 204-012-101-143 AND -153) . HUB ASSY, MAIN ROTOR (S/N 31286 THRU 31311, 35001 THRU 35056, 35060 THRU 35062) (SEE FIG. 62-6 FOR BREAKDOWN) (REPLACES 204-012-101-029) (REPLACED BY	1	NP	
8	204-012-101-151	204-012-101-151)	1	NP	
8	204-012-101-153	204-012-101-143) (REPLACED BY 204-012-101-153)	1	SP	
_	MC25275 224	AND -151)	0	Г	1
9 10	MS35275-234 212-074-200-001	. SCREW	8 2	P P	
11	SWIAN5045	. SEAL	2	NP	1
12	MS35206-218	SCREW	2	SP	İ
13	MS35333-36	WASHER	2	SP	1
					l



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 62-4. Hub and Blade Assembly (Cont'd)			
14 15 16 17 18 19	212-074-203-001 SU316-4A-16 SS248-4A-16 212-074-203-005 212-074-203-007 522 DELETED 204-012-001-023	ENCLOSURE ASSY SPACER SPACER SWITCH GUARD SWITCH GUARD SWITCH GUARD BATTERY (S/N 30801 THRU 30884)	1 4 2 1 1 2 NA	NP NP P NP NP	
19	204-012-001-023	. BLADE ASSY, MAIN ROTOR, THIN TIP (NOTE 1) (S/N 30504 THRU 30800) (SEE FIG. 62-5 FOR BREAKDOWN) (REPLACED BY 212-015-501-005)	2	INP	
19 19	204-012-001-033 212-015-501-005	BLADE ASSY, MAIN ROTOR, THIN TIP (S/N 30801 THRU 30816, 30818 THRU 30819, 30822, 30824 THRU 30825, 30827, 30832 THRU 30833) (SEE FIG. 62-5 FOR BREAKDOWN) BLADE ASSY, MAIN ROTOR, THIN TIP (NOTE 2) (S/N 30817, 30820	2	NP NP	
19	212-015-501-115	THRU 30821, 30823, 30826, 30828 THRU 30831, 30834 THRU 31311, 32101 THRU 32142, 35001 THRU 35016) (SEE FIG. 62-5 FOR BREAKDOWN) (REPLACES 204-012-001-023) (REPLACED BY 212-015-501-115)	2	SP	
10	212 045 504 440	35103) (SEE FIG. 62-5 FOR BREAKDOWN) (REPLACES 212-015-501-005)	DEE	SP	
19 19	212-015-501-119	BLADE ASSY, MAIN ROTOR, THIN TIP (NOTE 3) (SEE FIG. 62-5 FOR BREAKDOWN)	REF	SP	
		NOTE 1: BLADE ASSEMBLY 204-012-001-023 IS NO LONGER PROCURABLE. AS A PAIR USE BLADE ASSEMBLY 212-015-501-005. NOTE 2: BLADE ASSEMBLIES 212-015-501-005 AND 212-015-501-115 HAVE A PAINT SCHEME WITH A WHITE UPPER SURFACE AND A BLACK SURFACE WITH 6-INCH YELLOW BAND AT THE TIP OF THE BLADE. NOTE 3: BLADE ASSEMBLY 212-015-501-119 IS A HIGH VISIBILITY BLADE. THE UPPER SURFACE OF THIS BLADE IS A GLOSS GRAY WITH LUSTERLESS WHITE APPLIED TO 44 INCHES AT THE OUTBOARD END. THE LOWER SURFACE IS LUSTERLESS BLACK WITH GLOSS ORANGE YELLOW APPLIED TO 6 INCHES AT THE OUTBOARD END AND TO THE EXTREME TIP END OF THE BLADE. NOTE 4: BLADE ASSEMBLY 212-015-501-121 IS A HIGH VISABILITY BLADE. STARTING AT THE HUB. THIS BLADE HAS A 43.3-INCH GLOSS WHITE BAND. THIS IS FOLLOWED BY AN 86.8-INCH GLOSS ORANGE BAND, ANOTHER 43.4-INCH ORANGE BAND.			



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-4. Hub and Blade Assembly (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.			



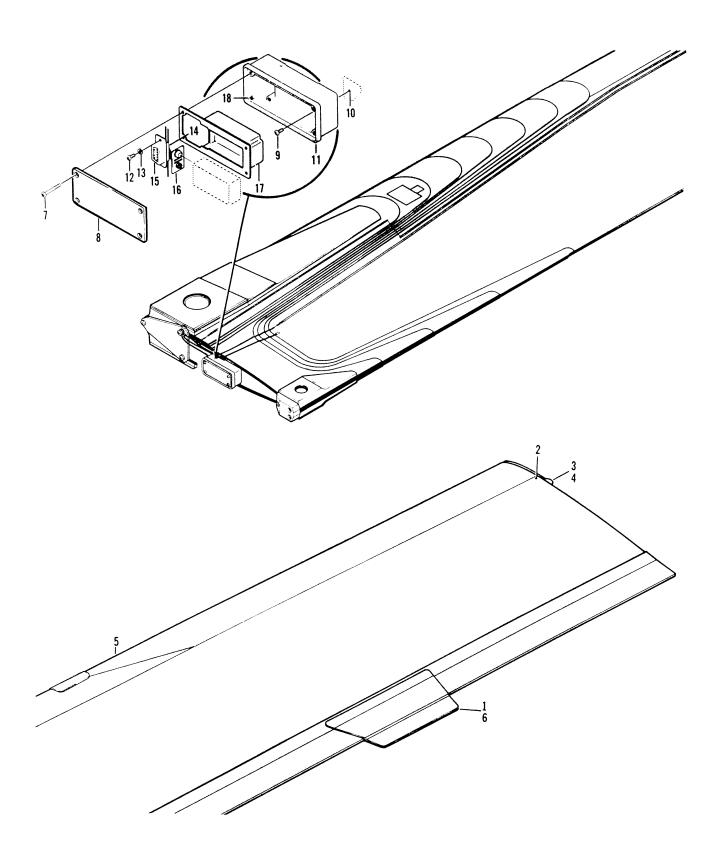


Figure 62-5. Blade Assembly, Main Rotor, Thin Tip



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-5. Blade Assembly, Main Rotor,			
		Thin Tip			
	DELETED		NA	1	
	204-012-001-023	BLADE ASSY, MAIN ROTOR, THIN TIP (NOTE 1) (S/N 30504 THRU 30800) (SEE FIG. 62-4 FOR NHA) (REPLACED BY	REF	NP	
	204-012-001-033	212-015-501-005)	REF	NP	
	212-015-501-005	THRU 30833) (SEE FIG. 62-4 FOR NHA)	REF	NP	
	212-015-501-115	212-015-501-115)	REF	SP	
	212-015-501-119	35103) (SEE FIG. 62-4 FOR NHA) (REPLACES 212-015-501-005) BLADE ASSY, MAIN ROTOR, THIN TIP (NOTE 3) (SEE FIG. 62-4 FOR NHA)	REF	SP	
	212-015-501-121	BLADE ASSY, MAIN ROTOR, THIN TIP (NOTE 4) (SEE FIG. 62-4 FOR NHA).	REF	SP	
1	DELETED		NA	1	
2	AN535-0-2	. SCREW (REPLACED BY MS21318-7)	1	NP	
2	MS21318-7	. SCREW (REPLACES AN535-0-2)	1	SP	
3	NAS1189-3P10L	SCREW (REPLACED BY NAS1189-3P10)	2	NP	
3	NAS1189-3P10	SCREW (REPLACES NAS1189-3P10L)	2	SP	
4	204-012-017-001	. CAP	1	SP	
5	204-012-001-021	BLADE ASSY (USBL ON 204-012-001-023 AND -033) (REPLACED BY 204-012-001-031)	1	NP	
5	204-012-001-031	. BLADE ASSY (USBL ON 204-012-001-023 AND -033) (REPLACES 204-012-001-021)	1	NP	
5	204-012-001-017	BLADE ASSY (USBL ON 204-012-001-015)	1	NP	
5	212-015-501-007	BLADE ASSY (USBL ON 212-015-501-005, -115, -119 AND -121).	Ιί	NP	
6	204-012-038-001	TAB, TRIM (REPLACED BY 204-012-038-103)	2	NP	
6	204-012-038-001	TAB, TRIM (REPLACES 204-012-038-001)	2	SP	
U	204-012-001-035	BLADE INSPECTION (USBL ON 204-012-001-033)	1	NP	
	212-015-501-009	BLADE INSPECTION (USBL ON 204-012-001-033)	1	NP	
7	MS35275-228		4	P	
8	212-074-212-001	SCREW	1	P	
9	MS35207-263	COVER	3	SP	
10	NAS1329H3KB80	RIVNUT, BLIND	3	P	
11	212-074-207-001	HOUSING ASSY. MAIN ROTOR BLADE INSPECTION SYSTEM .	1	P	
12	MS35206-213		2	SP	
13	MS35333-36	SCREW	2	SP	
13		WASHER	1	P SP	
	212-074-208-001	CABLE ASSY			
15	DEM9S	CONNECTOR (REPLACED BY DEM-9S)	1	NP	
15 16	DEM-9S 212-074-211-001	CONNECTOR (REPLACES DEM9S) CONNECTOR ASSY, BATTERY (REPLACED BY	1	SP P	
16	212-074-208-001	212-074-208-001)	1	Р	
16			1	P	
''	212-074-209-001 212-074-210-001	LINER	1	NP	
18	MS122158	HOUSING ASSY, BLADE INSPECTION SYSTEM	4	P	
		NOTE 1: BLADE ASSEMBLY 204-012-001-023 IS NO LONGER PROCURABLE AS A PAIR. USE BLADE ASSEMBLY 212-015-501-005.			
			<u> </u>	Щ	<u> </u>



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-5. Blade Assembly, Main Rotor, Thin Tip (Cont'd)			
		NOTE 2: BLADE ASSEMBLIES 212-015-501-115 AND 212-015-501-005 HAVE A PAINT SCHEME WITH A WHITE UPPER SURFACE AND A BLACK SURFACE WITH 6-INCH YELLOW BAND AT THE TIP OF THE BLADE.			
		NOTE 3: BLADE ASSEMBLY 212-015-501-119 IS A HIGH VISIBILITY BLADE. THE UPPER SURFACE OF THIS BLADE IS A GLOSS GRAY WITH LUSTERLESS WHITE APPLIED TO 44 INCHES AT THE OUTBOARD END. THE LOWER SURFACE IS LUSTERLESS BLACK WITH GLOSS ORANGE YELLOW APPLIED TO 6 INCHES AT THE OUTBOARD END AND TO THE EXTREME TIP END OF THE BLADE.			
		NOTE 4: BLADE ASSEMBLY 212-015-501-121 IS A HIGH VISIBILITY BLADE. STARTING AT THE HUB, THIS BLADE HAS A 43.3-INCH GLOSS WHITE BAND. THIS IS FOLLOWED BY AN 86.8-INCH GLOSS ORANGE BAND, ANOTHER 43.4-INCH WHITE BAND, FOLLOWED BY ANOTHER 43.4-INCH ORANGE BAND.			
		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.			

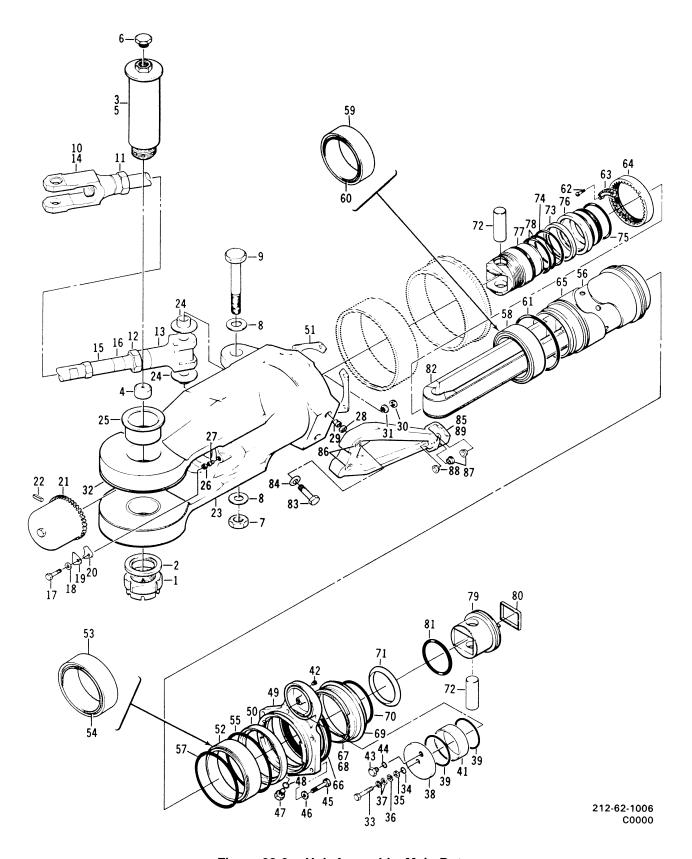


Figure 62-6. Hub Assembly, Main Rotor



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-6. Hub Assembly, Main Rotor			
	204-012-101-009	HUB ASSY, MAIN ROTOR (S/N 30504 THRU 30680) (SEE FIG. 62-4 FOR NHA) (SEE FIG. 62-7 FOR BALANCE OF BREAKDOWN)	REF	NP	
	204-012-101-023	(REPLACED BY 204-012-101-153)	REF	NP	
	204-012-101-029	(REPLACED BY 204-012-101-153 AND -029)	REF	NP	
	204-012-101-143	(REPLACED BY 204-012-101-023)	REF	NP	
	204-012-101-151	204-012-101-151) (REPLACED BY 204-012-101-029)	REF	NP	
	204-012-101-153	BY 204-012-101-153)	REF	SP	
1 2 3 4 5	204-011-153-001 204-011-152-001 204-011-151-001 204-011-151-005 204-011-151-003 204-011-151-007	-029 AND -151) . NUT	2 2 2 1 1	SP SP SP SP NP	
5 6 6 7 8 8 9	204-011-151-001 AN814-10L AN814-10JL NAS1022A14 AN960-1416 NAS1149F1490P 204-011-166-003	204-011-151-003)	REF 2 2 2 4 4 4	SP NP NP SP NP	
9 10	204-011-166-009 204-011-140-003	204-011-166-009)	2 2	SP NP	
10 11 12 13 13 14 14 15 16 17 18 18 19 20 21 22	204-011-140-005 204-011-144-003 204-011-144-001 204-011-141-003 204-011-180-003 204-011-142-005 204-011-179-003 204-011-143-005 204-011-146-003 AN4H7A AN960-416 NAS1149F0463P 204-011-149-001 204-010-526-001 204-011-116-001 204-011-158-003	(REPLACED BY 204-011-140-005) . BRACE ASSY, DRAG (REPLACES 204-011-140-003) . NUT . NUT . FITTING (USBL ON 204-011-140-003) . FITTING (USBL ON 204-011-140-005) . CLEVIS (USBL ON 204-011-140-003) . CLEVIS (USBL ON 204-011-140-005) . BARREL ASSY . DECAL (AFT) . BOLT . WASHER (REPLACED BY NAS1149F0463P) . WASHER (REPLACES AN960-416) . CLAMP . LOCK, STRAP RETAINER . NUT . KEY	2 1 1 1 1 1 1 1 2 2 2 2 2 2 2	S S S S S P S S S S S S S S S S S S S S	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-6. Hub Assembly, Main Rotor (Cont'd)			
23	204-011-121-009	. GRIP ASSY, MAIN ROTOR (USBL ON 204-012-101-009, -023, -029 AND -143) (REPLACED BY 204-011-121-125)	2	NP	
23	204-011-121-121	GRIP ASSY, MAIN ROTOR (USBL ON 204-012-101-151 AND -153) (REPLACED BY 204-011-121-125)	2	NP	
23	204-011-121-125	. GRIP ASSY, MAIN ROTOR (REPLACES 204-011-121-009 AND -121)	2	SP	
24 25	204-010-413-027 204-010-413-029	BUSHÍNG	2	SP NP	
25	204-010-533-101	204-011-121-009)	2	NP	
25	204-010-413-167	BUSHING, 2.9145/2.9160 OVERSIZE (NOTE 4) (USBL ON	2	NP	
25	204-010-533-103	204-011-121-009)	2	NP	
26 26	RL28SB8 MS51990-106	LOCK RING (REPLACED BY MS51990-106). LOCK RING (REPLACES RL28SB8) (REPLACED BY MS51990-106P)	1 1	NP NP	
26 27 28 28	MS51990-106P RD206SB8 RL38SB9 MS51990-108		1 1 2 2	SP NP NP NP	
28 29	MS51990-108P RD208SB8	MS51990-108P)	2 2	SP NP	
29 30 30	RDJ208SB-8 RL33SB9 MS51990-107	INSERT (REPLACES RD208SB8)	2 6 6	NP NP	
30 31 31	MS51990-107P RAD207SB9 RAD207SB-9	MS51990-107P) LOCK RING (REPLACES MS51990-107) INSERT (REPLACED BY RAD207SB-9) INSERT (REPLACES RAD207SB9) (REPLACED BY	6 6 6	SP NP NP	
31 32 33 34 34	RADJ207SB-9 204-010-534-101 AN4H15A MS29561-010 M83248/1-010	RADJ207SB-9)	6 2 2 2 2	SP SP SP SP	
34 35 35	AS3209-010 AN960PD416 AN960JD416	BY AS3209-010)	2 2 2	SP NP P	
35 36 36 37 38 39 39	NAS1149D0463J AN960-416L NAS1149F0432P MS35338-44 204-010-507-001 MS29561-234 M83248/1-234	NAS1149D0463J) WASHER (REPLACES AN960JD416) WASHER (REPLACED BY NAS1149F0432P) WASHER (REPLACES AN960-416L) WASHER COVER, OIL RESERVOIR . PACKING, PREFORMED (REPLACED BY M83248/1-234) PACKING, PREFORMED (REPLACES MS29561-234) (REPLACED	2 2 2 4 2 4 4	SP P SP SP SP SP	
39 41 42 42 43 43 43	AS3209-234 204-010-506-005 47200 130-009-1 AN814-6DL AN814-6WL AS5169W06L	BY AS3209-234) PACKING, PREFORMED (REPLACES M83248/1-234) SIGHT GLASS FITTING, RELIEF (REPLACED BY 130-009-1) RELIEF VALVE, RELIEF (REPLACES 47200) PLUG (REPLACED BY AN814-6WL) PLUG (REPLACES AN814-6DL) (REPLACED BY AS5169W06L) PLUG (REPLACES AN814-6WL)	4 2 2 2 2 2 2 2	SP SP SP SP SP SP SP	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 62-6. Hub Assembly, Main Rotor (Cont'd)			
44 44	NAS617-6 M83248/1-906	. PACKING, PREFORMED (REPLACED BY M83248/1-906)	2 2	P SP	
44 45	AS3208-06 AN5H10A	AS3208-06)	2 12	SP SP	
46 46	AN960PD516 AN960JD516	. WASHER, FLAT (REPLACED BY AN960JD516)	12	P P	
46 47	NAS1149D0563J AN814-5DL	NAS1149D0563J)	12 2	SP NP	
48	NAS617-5	PLUG	2	NP	
48	M83248/1-905	PACKING, PREFORMED (REPLACES NAS617-5) (REPLACED BY AS3208-05)	2	SP	
48 49	AS3208-05 204-011-125-001	PACKING, PRÉFORMED (REPLACES M83248/1-905)	2 2	SP NP	
49	204-011-125-005	(REPLACED BY 204-011-125-005)	2	SP	
50	204-011-126-001	204-011-125-001)	1	SP	
51	204-011-162-001	. SHIM	8	SP	
52 52	204-011-111-003 212-011-111-103	BEARING (USBL ON 204-012-101-009, -023, -029 AND -143)	2 2	SP NP	
53	212-311-007-101	BEARING (USBL ON 204-012-101-131)	2	SP	
54	212-311-009-101	INNER RACE	2	SP	
55 55	MS29561-258 M83248/1-258	. PACKING, PREFORMED (REPLACED BY M83248/1-258)	2 2	P SP	
55	AS3209-258	BY AS3209-258)	2	SP	
56 57	204-011-160-001 160-1487	SPACER	2 2	SP NP	
57 57	100-1487	PACKING, PREFORMED (REPLACED BY 100-237-3)	2	SP	
58	204-011-112-003	BEARING (USBL ON 204-012-101-009, -023, -029 AND -143)	2	SP	
58	212-011-112-103	BEARING (USBL ON 204-012-101-151) (REPLACED BY 212-311-008-101)	2	NP	
59	212-311-008-101	. BEARING (USBL ON 204-012-101-153) (REPLACES 212-011-112-103)	2	SP	
60	212-311-010-101	INNER RACE	2	SP	
61	159-1487	. PACKING, PREFORMED (REPLACED BY 100-237-2)	2	NP	
61 62	100-237-2 AN503-8-10	. PACKING, PREFORMED (REPLACES 159-1487)	2	SP SP	
63	204-012-113-003	LOCKPLATE	2	SP	
64	204-012-106-001	NUT	2	SP	
65	204-011-159-001	. SPACER	2	SP	
66	204-011-131-005	. SEAL (S/N 30504 THRU 31285) (REPLACED BY 204-011-131-107)	2	NP	
66 67	204-011-131-107 204-012-116-107	SEAL (REPLACES 204-011-131-005)	2 2	SP	
67 68	204-012-116-107	SHIELD ASSY (POST ASB 212-92-80)	1	SP NP	
68	204-012-120-001	RING (USBL ON 204-012-116-001)	1	NP	
68	204-012-120-003	RING (USBL ON 204-012-116-005)	1	NP	
68	204-012-130-101	RING (USBL ON 204-012-116-107)	1	Р	
69 70	204-012-118-001	SHIELD	1	SP	
70 70	MS29561-248 M83248/1-248	PACKING, PREFORMED (REPLACED BY M83248/1-248)	2	NP SP	
		PACKING, PREFORMED (REPLACES MS29561-248) (REPLACED BY AS3209-248)			
70	AS3209-248	. PACKING, PREFORMED (REPLACES M83248/1-248)	2	SP	
71 72	204-011-123-001 204-012-104-005	BACKUP RING	2	SP SP	
12	204-012-104-000	. PIN	4	35	

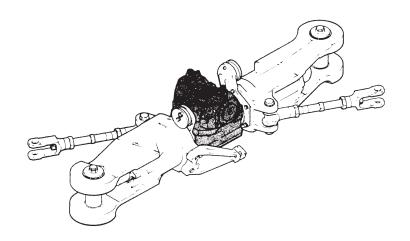


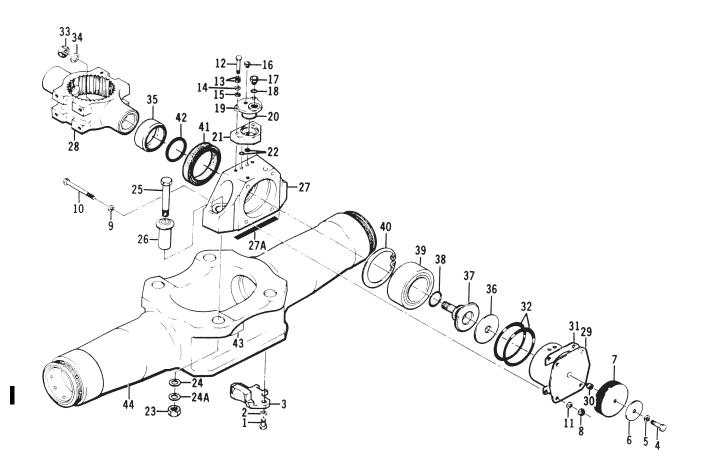
(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	0 C
		Figure 62-6. Hub Assembly, Main Rotor (Cont'd)			
73	S12561-341	. SEAL (NOTE 3) (USBL ON 204-012-101-009, -023 AND -029) (REPLACED BY S32979-341G99)	2	NP	
73	S32979-341G99	. SEAL (REPLACES S12561-341)	2	NP	
74	MS29561-341	. PACKING, PREFORMED (REPLACED BY M83248/1-341)	2	NP	
74	M83248/1-341	. PACKING, PREFORMED (NOTE 3) (REPLACES MS29561-341)	2	SP	
75	MS29561-238	. PACKING, PREFORMED (REPLACED BY M83248/1-238)	2	NP	
75	M83248/1-238	PACKING, PREFORMED (REPLACES MS29561-238) (REPLACED BY AS3209-238)	2	SP	
75	AS3209-238	. PACKING, PREFORMED (REPLACES M83248/1-238)	2	SP	
76	204-012-107-001	SEAL	2	SP	l
77	204-012-103-005	FITTING. OUTBD	2	SP	
78	MS29561-237	PACKING, PREFORMED (REPLACED BY M83248/1-237)	4	NP	l
78	M83248/1-237	PACKING, PREFORMED (REPLACED BY M63246/1-237) PACKING, PREFORMED (REPLACES MS29561-237) (REPLACED BY AS3209-237)	4	SP	
78	AS3209-237	PACKING, PREFORMED (REPLACES M83248/1-237)	4	SP	l
79	212-010-103-005	FITTING ASSY, MAIN ROTOR (USBL ON 204-012-101-009, -023 AND -029) (REPLACED BY 212-010-103-007)	2	P	
79	212-010-103-007	. FITTING ASSY, MAIN ROTOR (REPLACES 212-010-103-005)	2	SP	ĺ
80	204-012-111-001	. FITTING ASST, MAIN ROTOR (REPLACES 212-010-103-005)	1	SP	
81	MS29561-240	CUP	2	NP	
81	M83248/1-240	. PACKING, PREFORMED (REPLACED BY M83248/1-240)	2	SP	
0.4	162200 240	BY AS3209-240)	2	CD	
81	AS3209-240	. PACKING, PREFORMED (REPLACES M83248/1-240)	2	SP	
82	204-012-112-005	. STRAP ASSY (USBL ON 204-012-101-009, -023 AND -029)	2	NP	
82	204-012-122-001	(REPLACED BY 204-012-122-001 AND -005)	2	NP	
		204-012-122-005)			
82	204-012-122-005	. STRAP ASSY (REPLACES 204-012-112-005, 204-012-122-001)	2	Р	
		(ALTERNATE PART)			
82	204-310-101-101	. STRAP ASSY	2	SP	
83	AN6H22A	BOLT (PRE TB 212-99-170) (REPLACED BY NAS6606H27)	4	SP	
83	NAS6606H27	BOLT (PRE TB 212-99-170) (REPLACES AN6H22A)	4	SP	
83	NAS6606H27		4	SP	
84	AN960-616	BOLT (POST TB 212-99-170)	4	SP	
84	NAS1149F0663P	. WASHER (REPLACED BY NAS1149F0663P)	4	SP	
-		. WASHER (REPLACES AN960-616)	2	SP	
85	204-011-120-005	HORN ASSY	_		
86	204-010-170-005	BUSHING	2	SP	
87	204-010-170-007	BUSHING	2	SP	
88	204-010-170-009	BUSHING	1	SP	
89	204-011-120-007	HORN ASSY	1	Р	
		NOTE 1: FOR REPLACED PARTS, REFER TO 212 CR&O MANUAL.			
		NOTE 2: PLATE SHALL BE USED IN PAIRS ONLY.			
		NOTE 3: \$12561-341 SEAL AND M83248/1-341 PACKING			
		REPLACED AS A UNIT BY S32979-341G99 SEAL.			
		NOTE 4: MAY ONLY BE REPLACED BY BHT AUTHORIZED SERVICE FACILITY OR CONTACT BELL HELICOTPER TEXTRON PRODUCT SUPPORT ENGINEERING:			
		TEL: 1-800-363-8028 EMAIL: PSEMEDIUM@BELLHELICOPTER.TEXTRON.COM			



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A L	U O C
		Figure 62-6. Hub Assembly, Main Rotor (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.			







212_IPB_62_0007

Figure 62-7. Hub Assembly, Main Rotor

62-99-00 Page 30

Rev. 8 30 APR 2010



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-7. Hub Assembly, Main Rotor			
	204-012-101-009	HUB ASSY, MAIN ROTOR (S/N 30504 THRU 30680) (SEE FIG. 62-4 FOR NHA) (SEE FIG. 62-6 FOR BALANCE OF BREAKDOWN)	REF	NP	
	204-012-101-023	(REPLACED BY 204-012-101-023, -029, -143, -151 AND -153) HUB ASSY, MAIN ROTOR (S/N 30504 THRU 31285) (SEE FIG. 62-4 FOR NHA) (SEE FIG. 62-6 FOR BALANCE OF BREAKDOWN) (REPLACES 204-012-101-009) (REPLACED BY 204-012-101-029,	REF	NP	
	204-012-101-029	-143, -151 AND -153)	REF	NP	
	204-012-101-143	204-012-101-143, -151 AND -153)	REF	NP	
	204-012-101-151	(REPLACED BY 204-012-101-151 AND -153)	REF	NP	
	204-012-101-153	-143) (REPLACED BY 204-012-101-153)	REF	SP	
1	AN6H6A	BOLT	4	SP	
2 2	AN960PD616 AN960JD616	. WASHER (REPLACED BY AN960JD616)	4	NP P	
2	NAS1149D0663J	NAS1149D0663J)	4	SP	
3	212-010-102-001	STOP, STATIC	2	SP	
4	AN6-5A	. BOLT (NOTE 1)	1	SP	
4	AN6-6A	. BOLT (NOTE 1)	1	SP	
4	AN6-7A	. BOLT (NOTE 1)	1	SP	
4	AN6-10A	. BOLT (NOTE 1)	1	SP	
4	AN6-11A	. BOLT (NOTE 1)	1	SP	
4	AN6-12A	. BOLT (NOTE 1)	1	SP	
4	AN6-13A	. BOLT (NOTE 1)	1	SP	
5	AN960-616	. WASHER (REPLACED BY NAS1149F0663P)	1	SP	
5 6	NAS1149F0663P AN970-6	. WASHER (REPLACES AN960-616)	1 16	SP SP	
7	204-011-150-001	. WASHER	16	SP	
8	NAS679A5	NUT (REPLACED BY MS21042L5)	8	NP	
8	MS21042L5	. NUT, SELF-LOCKING (REPLACES NAS679A5)	8	SP	
9	AN960PD516	. WASHER (REPLACED BY AN960JD516)	8	P	
9	AN960JD516	. WASHER, FLAT (REPLACES AN960PD516) (REPLACED BY NAS1149D0563J)	8	P	
9	NAS1149D0563J	. WASHER (REPLACES AN960JD516)	8	SP	
10	AN5-31A	. BOLT	8	SP	
11	AN960-516L	. WASHER (REPLACED BY NAS1149F0532P)	8	Р	
11	NAS1149F0532P	. WASHER (REPLACES AN960-516L)	8	SP	
12	AN4H15A	BOLT	4	SP	
13	MS35338-44	. WASHER	8	SP	
14	AN960-416L	. WASHER (REPLACED BY NAS1149F0432P)	4	Р	
14	NAS1149F0432P	. WASHER (REPLACES AN960-416L)	4	SP	
15	AN960PD416	. WASHER (REPLACED BY AN960JD416)	4	NP	
15	AN960JD416	. WASHER (REPLACES AN960PD416) (REPLACED BY NAS1149D0463J)	4	P	
15	NAS1149D0463J	. WASHER (REPLACES AN960JD416)	4	SP	
16	47200	. FITTING (REPLACED BY 130-009-1)	2	Р	



	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-7. Hub Assembly, Main Rotor (Cont'd)			
16	130-009-1	. RELIEF VALVE (REPLACES 47200)	2	SP	
17	AN814-5DL	. PLUG	2	NP	
18 18	NAS617-5 M83248/1-905	. PACKING, PREFORMED (REPLACED BY M83248/1-905)	2 2	NP SP	
18	AS3208-05	A\$3208-05)	2	SP	
19	204-010-529-001	PACKING, PREFORMED (REPLACES M83248/1-905)	2	SP	
20	M83248/1-220	. PACKING, PREFORMED (REPLACED BY AS3209-220)	2	P	
20	AS3209-220	. PACKING (REPLACES M83248/1-220)	2		
21	204-010-191-001	. RESERVOIR	2	SP	
22	M83248/1-011	. PACKING, PREFORMED (REPLACED BY AS3209-011)	4	SP	
22	AS3209-011	. PACKING, PREFORMED (REPLACES M83248/1-011)	4	SP	
23	EB-108	. NUT (POST ASB 212-92-80)	4	SP	
24	140-007-41\$34-2	. WASHER (POST ASB 212-92-80)	4	SP	
24A	140-007-41S34-4	. WASHER (POST ASB 212-92-80)	4 4	SP	
25 26	20-057-10-48 204-011-135-105	BOLT (POST ASB 212-92-80)	4	SP SP	
27	204-011-108-003	. BUSHING (POST ASB 212-92-80)	2	Р	
27	204-011-108-005	204-011-108-005, -113 AND -119)	2	NP	
0.7	204 044 400 440	AND -143) (REPLACES 204-011-108-003) (REPLACED BY 204-011-108-113 AND -119)	0	ND	
27	204-011-108-113	. PILLOW BLOCK (REPLACES 204-011-108-003 AND -005) (REPLACED BY 204-011-108-119)	2	NP SP	
27 27A	204-011-108-119 204-011-108-009	. PILLOW BLOCK (REPLACES 204-011-108-003, -005 AND -113) BUFFER (MAKE FROM 150-022-1) (USBL ON 204-011-108-005	1	NP	
27A	150-022-1	AND -113) (REPLACED BY 204-011-108-117)	1	SP	
27A	204-011-108-117	BUFFER (MAKE FROM 150-045-1) (REPLACES 204-011-108-009)	1	SP	
27A	150-045-1	BUFFER, BULK (REPLACES 204-011-108-009)	1	SP	
28	204-011-105-001	. TRUNNION ASSY, MAIN ROTOR (PRE MOD 212-510-052-103)	1	SP	
28	204-011-105-103	. TRUNNION ASSY, MAIN ROTOR (POST MOD 212-510-052-103).	1	SP	
29	204-011-122-001	. LINER ASSY	2	SP	
30	3591-6CNX3/8	INSERT	1	NP	
31	204-011-147-001	SHIM	8 4	SP NP	
32 32	MS29561-240 M83248/1-240	PACKING, PREFORMED (REPLACED BY M83248/1-240)	4	SP	
32	AS3209-240	BY AS3209-240)	4	SP	
33	NAS1022A8	NUT (REPLACED BY MS21245-L8)	2	NP	
33	MS21245-L8	NUT (REPLACED BY M321243-L6)	2	SP	
34	AN960-816	. WASHER (REPLACED BY NAS1149F0863P)	2	P	
34	NAS1149F0863P	. WASHER (REPLACES AN960-816)	2	SP	
35	204-011-148-001	. RADIUS RING	2	SP	
36	204-011-133-001	. THRUST PLATE	2	SP	
37	204-011-134-001	BEARING LOCK	2	SP	
38 38	MS29561-218 M83248/1-218	. PACKING, PREFORMED (REPLACED BY M83248/1-218)	2 2	P SP	
20	AS3200 249	BY AS3209-218)	2	SP	
38 39	AS3209-218 204-011-110-005	PACKING, PREFORMED (REPLACES M83248/1-218)	2	SP	
39 40	NAS669-347	BEARING	2	NP	
40	MS16625-1346	RETAINER (REPLACED BY MS16625-1346)	2	SP	
41	204-011-132-001	SEAL	2	SP	
41		. PACKING, PREFORMED (REPLACED BY 100-237-1)	2	SP	1



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
42 43 43 44 44	100-237-1 AN7510-1 MS27253-1 212-011-102-109 204-1593-12	Figure 62-7. Hub Assembly, Main Rotor (Cont'd) PACKING (REPLACES 035-1487) PLATE, ID (REPLACES NY510-1) PLATE, ID (REPLACES AN7510-1) YOKE ASSY, MAIN ROTOR (PRE MOD 212-510-052-103) (POST TB 212-91-138) (POST ASB 212-92-80) YOKE ASSY, MAIN ROTOR (POST MOD 212-510-052-103) (POST TB 212-91-138) (POST ASB 212-92-80) (NOTE 2) SEAL KIT NOTE 1: REFER TO BHT-212-MM FOR QUANTITY AND USAGE. NOTE 2: THE 212 HP HELICOPTERS ARE FITTED WITH THE 212-011-102-109 YOKE ASSEMBLIES. AVAIL CODE DEFINITION P Procurable NP Non 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.	2 1 1 1 1 1 1 1	5 P P P P P P P P P P P P P P P P P P P	

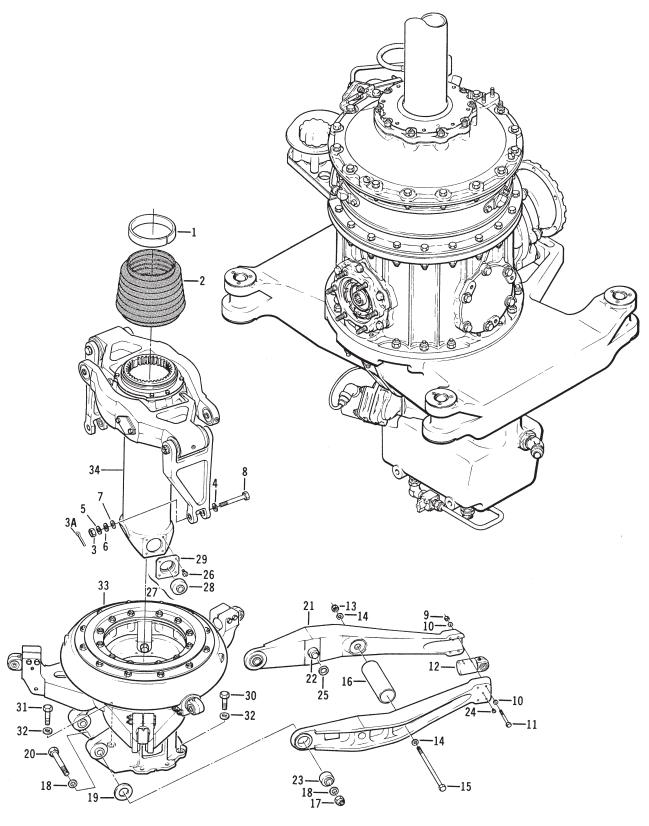


Figure 62-8. Pylon Assembly

212_IPB_62_0008

62-99-00 Page 34

Rev. 8 30 APR 2010



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	500
		Figure 62-8. Pylon Assembly			
	212-200-002-007	PYLON ASSY (S/N 30504 THRU 30596) (SEE FIG. 62-1 FOR	REF	NP	
	212-200-002-027	BALANCE OF BREAKDOWN)	REF	NP	
	212-200-002-047	BALANCE OF BREAKDOWN)	REF	NP	
	212-200-002-059	BALANCE OF BREAKDOWN)	REF	NP	
	212-200-002-055	BALANCE OF BREAKDOWN)	REF	NP	
	212-200-002-171	(SEE FIG. 62-1 FOR BALANCE OF BREAKDOWN) PYLON ASSY (S/N 30884 THRU 30885, 30887 THRU 30923) (SEE	REF	NP	
	212-200-002-163	FIG. 62-1 FOR BALANCE OF BREAKDOWN)	REF	NP	
	212-200-002-175	FIG. 62-1 FOR BALANCE OF BREAKDOWN)	REF	NP	
	212-200-002-179	BALANCE OF BREAKDOWN)	REF	NP	
	212-200-002-181	BALANCE OF BREAKDOWN)	REF	NP	
	212-200-002-185	THRU 35062) (SEE FIG. 62-1 FOR BALANCE OF BREAKDOWN) PYLON ASSY (S/N 35057 THRU 35059, 35063 THRU SUB) (SEE FIG.	REF	NP	
1	204-010-457-005	62-1 FOR BALANCE OF BREAKDOWN)	1	SP	
		SPACER		NP	
2	204-010-453-001	. BOOT (S/N 30504 THRU 30596) (REPLACED BY 204-011-462-001)	1		
2	204-011-462-001	BOOT (REPLACES 204-010-453-001)	1	SP	
3	MS17825-5	. NUT (REPLACED BY MS14144L5)	2	NP	
3 3A	MS14144L5	. NUT (REPLACES MS17825-5)	2	SP NP	
	MS24655-153	PIN, COTTER (REPLACED BY MS24665-155)	1		
3A	MS24665-155	PIN, COTTER (REPLACES MS24665-153)	2	SP	
4	MS20002C5	. WASHER	2	SP	
5	AN960-516	. WASHER (REPLACED BY NAS1149F0563P)	2	Р	
5	NAS1149F0563P	. WASHER (REPLACES AN960-516)	2	SP	
6	AN960-516L	. WASHER (REPLACED BY NAS1149F0532P)	2	Р	
6	NAS1149F0532P	. WASHER (REPLACES AN960-516L)	2	SP	
7	AN960-516	. WASHER (REPLACED BY NAS1149F0563P)	2	Р	
7	NAS1149F0563P	. WASHER (REPLACES AN960-516)	2	SP	
8	20-057-5-30D NAS679A4	BOLT	_	SP P	
9 9		NUT (REPLACED BY MS21042L4)	4	SP	
-	MS21042L4 AN960PD416	. NUT (REPLACES NAS679A4)	8	NP	
10		. WASHER (REPLACED BY AN960JD416)	8	P	
10	AN960JD416	. WASHER (REPLACES AN960PD416) (REPLACED BY	0	Р	
40	NA 044 40 D 0 400 I	NAS1149D0463J)	_	CD.	
10	NAS1149D0463J	. WASHER (REPLACES AN960JD416)	8	SP	
11	AN4-22A	BOLT	4	SP	
12	204-011-451-001	TRUNNION ASSY	1	SP	
13	NAS679A6	NUT (REPLACED BY MS21042L6)	1	NP	
13	MS21042L6	NUT (REPLACES NAS679A6)	1	SP	
14	AN960PD616	. WASHER (REPLACED BY AN960JD616)	2	NP	
14	AN960JD616	. WASHER, FLAT (REPLACES AN960PD616) (REPLACED BY	2	Р	
	NA 044 40 B 000 5 :	NAS1149D0663J)		-	
14	NAS1149D0663J	. WASHER (REPLACES AN960JD616)	2	SP	
15	AN6-55A	. BOLT	1	SP	
16	204-011-447-001	. SPACER	1	SP	
17	NAS1021A8	. NUT (REPLACED BY NAS1291-8)	2	NP	
17	NAS1291-8	. NUT (REPLACES NAS1021A8)	2	SP	
	AN960-816	. WASHER (REPLACED BY NAS1149F0863P)	4	Р	
18					
18 18 19	NAS1149F0863P 120-008C24E16	. WASHER (REPLACES AN960-816)	4 2	SP SP	

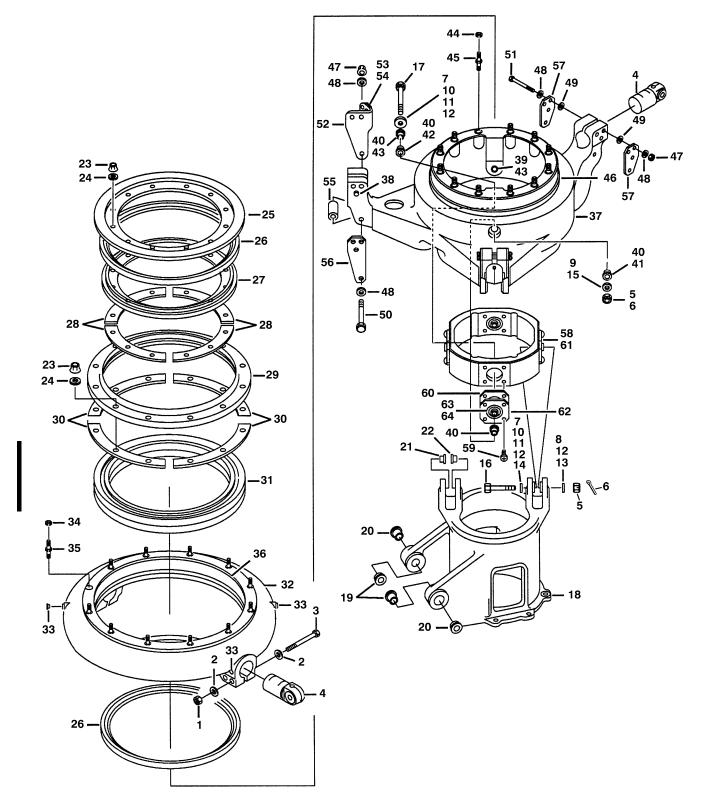


(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 62-8. Pylon Assembly (Cont'd)			
20	AN178-22A	. BOLT	2	SP	
21	212-010-403-005	. LEVER ASSY	2	SP	
22	212-010-402-003	PIN	1	SP	
23	MS27641-8	BEARING	1	SP	
24	NAS516-1	FITTING (REPLACED BY NAS516-1A)	1	Р	
24	NAS516-1A	FITTING (REPLACES NAS516-1)	1	SP SP	
25 26	120-008C28E20 AN502-10-6	SHIM	2 8	SP	
27	204-011-443-001	SCREW	2	SP	
28	AN201KP10A	BEARING (REPLACED BY MS27641-10)	1	NP	
28	MS27641-10	BEARING (REPLACES AN201KP10A)	1	SP	
29	204-011-443-003	LINER	Ιi	SP	
30	AN5H6A	BOLT	6	SP	
31	AN5H13A	BOLT	2	SP	
32	AN960PD516	. WASHER (REPLACED BY AN960JD516)	8	Р	
32	AN960JD516	. WASHER, FLAT (REPLACES AN960PD516) (REPLACED BY NAS1149D0563J)	8	Р	
32	NAS1149D0563J	. WASHER (REPLACES AN960JD516)	8	SP	
33	204-011-400-017	. SWASHPLATE AND SUPPORT ASSY (S/N 30504 THRU 30939)	1	NP	
		(SEE FIG. 62-9 FOR BREAKDOWN) (REPLACED BY			
		204-011-400-025, -127 AND -129)			
33	204-011-400-025	. SWASHPLATE AND SUPPORT ASSY (S/N 30940 THRU 31183,	1	NP	
		32101 THRU 32142) (SEE FIG. 62-9 FOR BREAKDOWN)			
		(REPLACES 204-011-400-017) (REPLACED BY 204-011-400-127			
		AND -129)			
33	204-011-400-127	. SWASHPLATE AND SUPPORT ASSY (S/N 31184 THRU 31221)	1	NP	
		(SEE FIG. 62-9 FOR BREAKDOWN) (REPLACES			
		204-011-400-017 AND -025) (REPLACED BY 204-011-400-129)			
33	204-011-400-129	. SWASHPLATE AND SUPPORT ASSY (S/N 31222 THRU 31311,	1	SP	
		35001 THRU 35103) (SEE FIG. 62-9 FOR BREAKDOWN)			
		(REPLACES 204-011-400-017, -025 AND -127) (REPLACED BY			
		204-011-400-135)			
33	204-011-400-135	. SWASHPLATE AND SUPPORT ASSEMBLY (SEE FIG. 62-9 FOR	1	SP	
		BREAKDOWN) (REPLACES 204-011-400-129)	_		
34	204-011-401-017	. SCISSORS AND SLEEVE ASSY (S/N 30504 THRU 30596) (SEE	1	NP	
		FIG. 62-10 FOR BREAKDOWN) (REPLACED BY			
		204-011-401-019 AND -021)	_		
34	204-011-401-019	. SCISSORS AND SLEEVE ASSY (S/N 30597 THRU 30726) (SEE	1	NP	
		FIG. 62-10 FOR BREAKDOWN) (REPLACES 204-011-401-017)			
		(REPLACED BY 204-011-401-021)			
34	204-011-401-021	. SCISSORS AND SLEEVE ASSY (NOTE 1) (S/N 30727 THRU 31311,	1	SP	
		32101 THRU 32142, 35001 THRU 35103) (SEE FIG. 62-10 FOR			
		BREAKDOWN) (REPLACES 204-011-401-017 AND -019)			
0.4	004 044 404 407	(REPLACED BY 204-011-401-127)		0.0	
34	204-011-401-127	. SCISSORS AND SLEEVE ASSY (SEE FIG. 62-10 FOR	1	SP	
		BREAKDOWN) (REPLACES 204-011-401-021)			
		NOTE 1: FOR SPARE PART REPLACEMENT, USE SCISSORS AND SLEEVE ASSEMBLY 204-011-401-127 AND REPLACE			
		TWO BEARING AND LINER ASSEMBLIES			
		204-011-443-001 AND EIGHT SCREWS AN502-10-6 WITH			
		EIGHT BOLTS NAS6203-1H AS A UNIT.			
			l		



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-8. Pylon Assembly (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.			





212_IPB_62_0009

Figure 62-9. Swashplate and Support Assembly



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-9. Swashplate and Support Assembly			
	204-011-400-017	SWASHPLATE AND SUPPORT ASSEMBLY (S/N 30504 THRU 30939) (SEE FIG. 62-8 FOR NHA) (REPLACED BY 204-011-400-025, -127	REF	NP	
	204-011-400-025	AND -129). SWASHPLATE AND SUPPORT ASSEMBLY (S/N 30504 THRU 31183, 32101 THRU 32142) (SEE FIG. 62-8 FOR NHA) (REPLACES	REF	NP	
	204-011-400-127	204-011-400-017) (REPLACED BY 204-011-400-127 AND -129) . SWASHPLATE AND SUPPORT ASSEMBLY (S/N 30504 THRU 31221) (SEE FIG. 62-8 FOR NHA) (REPLACES 204-011-400-017 AND	REF	NP	
	204-011-400-129	-025) (REPLACED BY 204-011-400-129)	REF	SP	
	204-011-400-135	204-011-400-135)	REF	SP	
1	NAS679A4	NHA) (REPLACES 204-011-400-129)	4	Р	
1 2	MS21042L4 AN960PD416	NUT (REPLACES NAS679A4)	4 8	SP NP	
2	AN960JD416	. WASHER (REPLACES AN960PD416) (REPLACED BY NAS1149D0463J)	8	Р	
2	NAS1149D0463J	. WASHER (REPLACES AN960JD416)	8	SP	
3	AN4-23A	BOLT	4	SP	
4 5	204-011-451-001	TRUNNION ASSY, ROD END	5 4	SP NP	
5	MS17826-5 MS14145L5	NUT (REPLACED BY MS14145L5)	4	SP	
6	MS24665-153	PIN, COTTER (REPLACED BY MS24665-155)	4	NP	
6	MS24665-155	PIN, COTTER (REPLACES MS24665-153)	4	SP	
7	204-011-457-003	. WASHER (USBL ON 204-011-400-017)	2	SP	
8	204-011-457-001	. WASHER (USBL ON 204-011-400-017 AND -025)	2	SP	
9	AN960-516	. WASHER (USBL ON 204-011-400-017 AND -025) (REPLACED BY	2	Р	
9	NAS1149F0563P	NAS1149F0563P)	2	SP	
10	204-011-457-003	. WASHER (USBL ON 204-011-400-025)	4	SP	
11	204-011-457-003	. WASHER (PRE TB 212-89-122) (USBL ON 204-011-400-127)	4	SP	
12	204-011-457-003	. WASHER (POST TB 212-89-122) (NOTE 1) (S/N 31222 THRU	6	SP	
12	204-011-457-003	31311, 35001 THRU 35103) (USBL ON 204-011-400-129) WASHER (POST TB 212-89-122) (NOTE 1) (S/N 35104 THRU SUB) (USBL ON 204-011-400-129)	4	SP	
13 14	204-011-457-001 204-011-457-105	. WASHER (PRE TB 212-89-122) (USBL ON 204-011-400-127) . WASHER (POST TB 212-03-193) (NOTE 1) (S/N 35104 THRU SUB)	2 2	SP SP	
15	AN960-516	(USBL ON 204-011-400-129)	2	Р	
15	NAS1149F0563P	NAS1149F0563P)	2	SP	
16 16	204-011-461-001 204-011-463-003	AN960-516)	2 2	NP SP	
		(REPLACES 204-011-461-001) (REPLACED BY 204-011-463-107)			
16	204-011-463-107	BOLT (POST TB 212-03-193) (NOTE 1) (S/N 35104 THRU SUB) (REPLACES 204-011-463-003)	2	SP	
17	NAS464-5-39	BOLT (REPLACED BY 204-011-463-001)	2	SP	
17	204-011-463-001	BOLT (REPLACES NAS464-5-39)	2	SP	
18	204-011-404-121	. SUPPORT ASSY, SWASHPLATE (PRE TB 212-89-122)	1	NP	
18	204-011-404-125	. SUPPORT ASSY, SWASHPLATE (POST TB 212-89-122)	1	SP	
19	22-010-31-34-24	BUSHING	2	SP	ĺ



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
		Figure 62-9. Swashplate and Support Assembly (Cont'd)			
20	204-010-413-015	BUSHING	2	SP	
21	204-011-464-111	BUSHING (USBL ON 204-011-404-121)	2	SP	ł
21	204-011-497-103	BUSHING (USBL ON 204-011-404-125)	2	SP	ł
22	204-011-464-109	BUSHING (USBL ON 204-011-404-121)	2	Р	ł
22 23	204-011-497-101 NAS679A4	BUSHING (USBL ON 204-011-404-125)	2 24	SP P	ł
23	MS21042L4	NUT (REPLACED BY MS21042L4)	24	SP	ł
24	AN960PD416	. WASHER (REPLACED BY AN960JD416)	24	NP	ł
24	AN960JD416	. WASHER (REPLACES AN960PD416) (REPLACED BY	24	P	
24	NAS1149D0463J	NAS1149D0463J)	24	SP	
25	204-011-428-003	BEARING COVER	1	SP	l
26	204-011-429-001	SEAL	2	SP	ł
27	204-011-427-001	. CAP, INNER RACE	1	SP	ł
28	204-011-431-001	SHIM	4	SP	ł
29	204-011-426-001	. CAP, OUTER RACE	1	SP	ł
30	204-011-444-001	SHIM	4	SP	l
31	204-011-430-001	. BEARING, SWASHPLATE	1	SP	ł
32 33	204-011-403-001 NAS516-1	RING ASSY, SWASHPLATE	1 4	SP P	ł
33	NAS516-1A	FITTING (REPLACED BY NAS516-1A)	4	SP	ł
34	RL24SB7	FITTING (REPLACES NAS516-1)	12	NP	ł
34	MS51990-105	LOCK RING (REPLACES RL24SB7) (REPLACED BY	12	NP	
34	MS51990-105P	MS51990-105P)	12	SP	
35	SF101-9SA11A	LOCK RING (REPLACES MS51990-105)	12	NP	ł
35	MS51989-105-11	STUD (REPLACED BY M331969-103-11)	12	SP	ł
36	204-011-425-001	LINER	1	P	l
37	204-011-402-017	RING ASSY, SWASHPLATE (PRE TB 212-80-37)	1	Р	ł
37	204-011-402-021	. RING ASSY, SWASHPLATE (POST TB 212-80-37) (PRE TB	1	NP	
37	204-011-402-127	212-81-51)	1	SP	
38	NAS516-1	FITTING (REPLACED BY NAS516-1A)	3	Р	ł
38	NAS516-1A	FITTING (REPLACES NAS516-1)	3	SP	l
39	204-010-413-035	BUSHING, SLEEVE (USBL ON 204-011-402-017) (REPLACED BY	2	NP	
39	204-011-464-001	204-011-464-001)	2	SP	
39	204-010-495-003	BUSHING, SLEEVE (USBL ON 204-011-402-021)	2	SP	ł
40	204-010-413-037	BUSHING, SLEEVE (USBL ON 204-011-402-017) (REPLACED BY	4	NP	
40	204-011-464-003	204-011-464-003)	4	NP	
		204-010-413-037) (REPLACED BY 204-010-495-111)			
40	204-010-495-111	BUSHING, SLEEVE (USBL ON 204-011-402-017) (REPLACES	4	SP	
40	204-010-497-003	204-011-464-003)	4	SP	
41	204-011-464-003	BUSHING, SLEEVE (USBL ON 204-011-402-127) (REPLACED BY	2	NP	
41	204-010-495-111	204-010-495-111)	2	SP	
41	204-010-499-111	BUSHING, SLEEVÉ (USBL ON 204-011-402-127) (REPLACES 204-011-464-003)	~	35	
42	204-011-464-107	BUSHING, SLEEVE (USBL ON 204-011-402-127) (REPLACED BY	2	Р	
42	204-010-495-115	204-010-495-115)	2	SP	
		204-011-464-107)			
43	204-011-464-105	BUSHING, SLEEVE (USBL ON 204-011-402-127) (REPLACED BY	2	NP	
43	204-010-495-113	204-010-495-113)	2	SP	
		204-011-464-105)			
44	RL24SB7	LOCK RING (REPLACED BY MS51990-105)	12	NP	

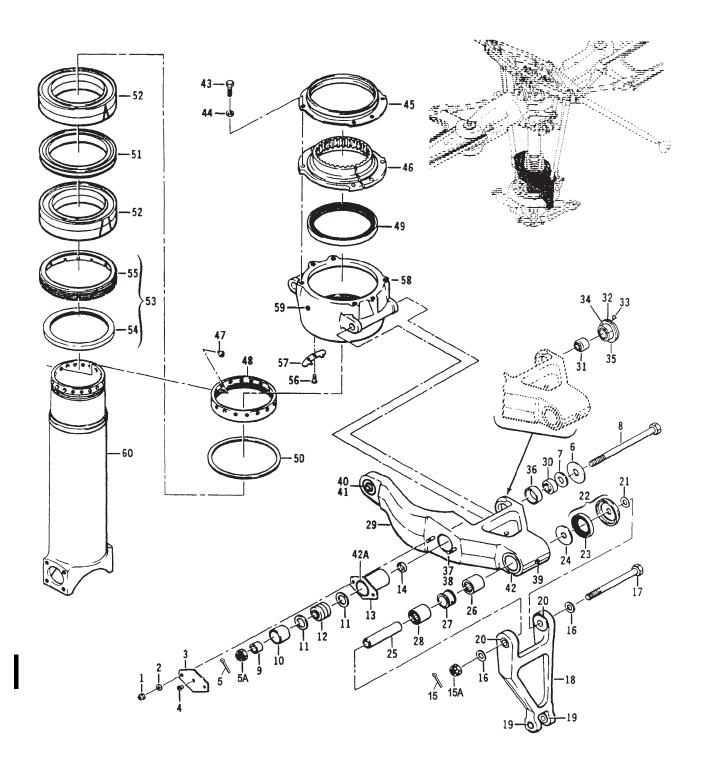


(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 62-9. Swashplate and Support Assembly (Cont'd)			
44	MS51990-105	LOCK RING (REPLACES RL24SB7) (REPLACED BY	12	NP	
44 45 45 46 47 47 48 48	MS51990-105P SF101-9SA11A MS51989-105-11 204-011-423-001 NAS679A4 MS21042L4 AN960PD416 AN960JD416	MS51990-105P) LOCK RING (REPLACES MS51990-105) STUD (REPLACED BY MS51989-105-11) STUD (REPLACES SF101-9SA11A) SLEEVE NUT (REPLACED BY MS21042L4) NUT (REPLACES NAS679A4) WASHER (REPLACED BY AN960JD416) WASHER (REPLACES AN960PD416) (REPLACED BY	12 12 12 1 9 9 18 18	SP NP SP SP P SP NP P	
48 49 49	NAS1149D0463J AN960PD416L AN960JD416L	NAS1149D0463J)	18 AR AR	SP NP P	
49 50 51 52	NAS1149D0416J AN4-24A AN4-26A 205-001-304-001	. WASHER (REPLACES AN960JD416L)	AR 6 3 1	SP SP SP SP	
52 53 54 55 56	212-001-273-001 205-001-304-005 540-001-314-1 204-011-460-001 204-011-458-003	BRACKET ASSY PLATE BUSHING SPACER PLATE	1 1 1 2 3	SP P NP SP SP	
56 57	204-011-458-001 204-011-458-005	(ALTERNATE PART)PLATEPLATE	3 2	SP SP	
57 58 59 60 61 62	204-011-458-007 204-010-404-001 AN502-10-6 204-010-434-001 204-010-404-003 204-010-433-001	(ALTERNATE PART) . PLATE	2 1 16 4 1 4	SP SP SP SP SP	
62 63 63 64	212-010-406-001 MS20200KP5 MS27640-5 204-010-433-003	(ALTERNATE PART) BEARING ASSY	4 1 1 1	NP P SP SP	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 62-9. Swashplate and Support Assembly (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.			





212_IPB_62_0010

Figure 62-10. Scissors and Sleeve Assembly



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 62-10. Scissors and Sleeve Assembly			
	204-011-401-017	SCISSORS AND SLEEVE ASSY (S/N 30504 THRU 30596) (SEE FIG. 62-8 FOR NHA) (REPLACED BY 204-011-401-019 AND -021)	1	NP	
	204-011-401-019	SCISSORS AND SLEEVE ASSY (S/N 30597 THRU 30726) (SEE FIG. 62-8 FOR NHA) (REPLACES 204-011-401-017) (REPLACED BY 204-011-401-021)	1	NP	
	204-011-401-021	SCISSORS AND SLEEVE ASSY (NOTE 5) (S/N 30727 THRU 31311, 32101 THRU 32142, 35001 THRU 35103) (SEE FIG. 62-8 FOR NHA) (REPLACES 204-011-401-017 AND -019) (REPLACED BY 204-011-401-127)	1	SP	
	204-011-401-127	SCISSORS AND SLEEVE ASSY (SEE FIG. 62-8 FOR NHA) (REPLACES 204-011-401-021)	1	SP	
1	MS21042L3	. NUT, SELF-LOCKING	4	SP	
2 2	AN960PD10 AN960JD10	. WASHER (REPLACED BY AN960JD10, NAS1149D0363J)	4 4	SP P	
		NAS1149D0363J)			
2	NAS1149D0363J	. WASHER (REPLACES AN960JD10, AN960PD10)	4	SP	
3	204-010-456-003	. COVER PLATE	2	SP	
4	NAS516-1	FITTING (REPLACED BY NAS516-1A)	1	Р	
4	NAS516-1A	. FITTING (REPLACES NAS516-1)	1	SP	
5	MS24665-302	. PIN, COTTER	2	SP	
5A	MS14145L8	. NUT	2	SP SP	
6 7	204-011-459-001	. WASHER (NOTE 1) (USBL ON 204-011-401-017)	1	_	
/	AN960-816L	. WASHER (NOTE 1) (USBL ON 204-011-401-017) (REPLACED BY	1	NP	
7	NAS1149F0832P	NAS1149F0832P)	1	SP	
7	AN960-816	. WASHER (NOTE 1) (USBL ON 204-011-401-019 AND -021)	1	Р	
7	NAS1149F0863P	(REPLACED BY NAS1149F0863P)	1	SP	
8	NAS464P8-90	(REPLACES AN960-816)	2	NP	
8	20-057-8S90D	20-057-8S90D)	2	SP	
8	212-010-411-001	NAS464P8-90)	2	NP	
8	212-010-411-003	212-010-411-003 AND -005)	2	Р	
8	212-010-411-005	212-010-411-001) (REPLACED BY 212-010-411-005)	2	SP	
9	NAS43HT8-18	212-010-411-001 AND -003)	2	SP	
10	204-010-455-003	SPACER	2	SP	
11	120-045-35-29	SHIM (NOTE 2)	1	SP	
12	204-011-412-001	BEARING SET	2	SP	
13	204-010-454-003	LINER (NOTE 3)	2	SP	
14	204-011-448-001	. SPACER (REPLACED BY 204-011-448-103)	2	NP	
14	204-011-448-103	. SPACER (REPLACES 204-011-448-001)	2	SP	
15	MS24665-302	. PIN, COTTER	2	SP	
15A	MS17826-8	. NUT (REPLACED BY MS14145L8)	2	NP	
15A	MS14145L8	. NUT (REPLACES MS17826-8)	2	SP	
16 16	AN960PD816 AN960JD816	. WASHER (REPLACED BY AN960JD816)	4	SP SP	
4.0	NA O44 40 DOCCO	NAS1149D0863J)		0.5	
16	NAS1149D0863J	. WASHER (REPLACÉS AN960JD816)	4	SP	
17 17	NAS464P8-69	BOLT (USBL ON 204-011-401-017 AND -019)	2	NP SD	
17	20-057-8S69D	BOLTLINK ASSY	2	SP SP	
18	204-011-407-001				



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U O C
		Figure 62-10. Scissors and Sleeve Assembly (Cont'd)			
19 19 20 20 21 22 23 23 24 25 26 27	85B7-19-27-18 22-007-19-27-18 85B10-31-35-48 22-010-31-35-48 120-045-27-17 204-011-421-001 71X6223 26001-6223 204-011-420-001 204-010-441-003 204-011-419-001 204-011-422-001	. BUSHING (REPLACED BY 22-007-19-27-18) . BUSHING (REPLACES 85B7-19-27-18) . BUSHING (REPLACED BY 22-010-31-35-48) . BUSHING (REPLACES 85B10-31-35-48) . SHIM (NOTE 2) . HOUSING ASSY . SEAL (REPLACED BY 26001-6223) . SEAL (REPLACES 71X6223) WASHER . RACE . BEARING . SPACER	2 2 2 1 2 1 1 2 2 2 2	P P P P P P P P P P P P P P P P P P P	
28	204-011-418-001	. BEARING	2	SP	
29 29	204-011-406-015 212-010-407-001	. SCISSORS ASSY, ROTOR (NOTE 1) (USBL ON 204-011-401-017) . SCISSORS ASSY, ROTOR (NOTE 1, 3) (USBL ON 204-011-401-017 AND -021)	2	NP SP	
29 30	212-010-407-109 MS20201KP8A	. SCISSORS ASSY, ROTOR (NOTE 3)	2 1	SP NP	
30	MS27641-8	. BEARING (USBL ON 204-011-406-015) (REPLACES MS20201KP8A).	1	SP	
31 32 33 33 34 35 36 37 37 38 38 39 40	212-010-409-001 212-010-408-001 NAS516-1 NAS516-1A 212-010-408-005 212-010-405-001 SF91-7SA10A MS51989-104-10 RL21SB6 MS51990-104P NAS516-1 NAS516-1A MS28913-5C	BEARING (USBL ON 212-010-407-001 AND -109) HOUSING ASSY (USBL ON 212-010-407-001 AND -109) FITTING (REPLACED BY NAS516-1A) FITTING (REPLACES NAS516-1) STRIP WASHER SLEEVE (USBL ON 204-011-406-015) STUD (REPLACED BY MS51989-104-10) STUD (REPLACED BY MS51989-104-10) RING LOCK (REPLACED BY MS51990-104P) LOCK RING (REPLACED BY MS51990-104P) LOCK RING (REPLACED BY NAS516-1A) FITTING (REPLACED BY NAS516-1A) GALTERNATE PART)	1 1 1 1 1 1 2 2 2 2 2 2 1	20 - 00 00 00 00 00 00 00 00 00 00 00 00	
40 41 41 42 42A 43 44 44	DAS5-20A1 23S5-5A 120-014-5A 204-011-413-001 212-010-413-101 AN4H5A AN960PD416 AN960JD416	BEARING BUSHING (REPLACED BY 120-014-5A) SLEEVE (REPLACES 23S5-5A) LINER LINER (USBL ON 212-010-407-109) . BOLT . WASHER (REPLACED BY AN960JD416, NAS1149D0416J) . WASHER (REPLACES AN960PD416) (REPLACED BY	1 1 1 1 6 6	P P P P P P P P P	
44 45 46 47 48 49 50 51 52 53 54 55 56	NAS1149D0416J 204-010-445-001 204-010-479-017 204-011-453-001 204-010-420-001 204-010-428-001 204-011-411-001 540-011-461-001 540-011-449-003 204-010-437-005 204-010-437-007 MS35266-60 204-011-454-001	NAS1149D0416J) . WASHER (REPLACES AN960JD416, AN960PD416) FLANGE, SWASHPLATE . PLATE SET . PIN . NUT . SEAL . RING . SPACER SET, BEARING . BEARING SET (NOTE 4) . NUT ASSY . SEAL . NUT . SCREW . LOCK PLATE	6 1 1 1 1 1 1 1 1 1 1 1 2 1	$ \begin{matrix}	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	U 0 C
58 59 59 60 60 60	204-011-405-013 NAS516-1 NAS516-1A 204-011-408-003 204-011-408-105 204-011-408-107 212-011-412-101	Figure 62-10. Scissors and Sleeve Assembly (Cont'd) HUB ASSY FITTING (REPLACED BY NAS516-1A) SLEEVE (REPLACED BY 204-011-408-105) SLEEVE (REPLACED BY 204-011-408-105) SLEEVE (REPLACES 204-011-408-003) (REPLACED BY 204-011-408-107) SLEEVE (NOTE 6) (REPLACES 204-011-408-105) (REPLACED BY 212-011-412-101) SLEEVE (NOTE 7) (REPLACES 204-011-408-107) NOTE 1: SCISSORS ASSEMBLY 212-010-407-001, BOLT 212-010-411-005 AND WASHER AN960-816 AS A UNIT MAY BE USED FOR SPARES REPLACEMENT OF SCISSORS ASSEMBLY 204-011-406-015, BOLT NAS464P8-90 OR 20-057-8590D, WASHER AN960-816L AND WASHER 204-011-459-001 AS A UNIT. NOTE 2: REFER TO BHT-212-MM FOR QUANTITY AND USEAGE. NOTE 3: SCISSORS ASSEMBLY 212-010-407-109 MAY BE USED AS AN ALTERNATE FOR SCISSORS ASSEMBLY 212-010-407-001 AND LINER 204-010-454-003 AS A UNIT. NOTE 4: THIS BEARING SET CONTAINS FOUR SEPARATE BEARINGS. NOTE 5: FOR SPARE PART REPLACEMENT, USE SCISSORS AND SLEEVE ASSEMBLY 204-011-401-127 AND REPLACE TWO BEARINGS AND LINER ASSEMBLY 204-011-443-001, AND EIGHT SCREWS ANSO2-10-6 WITH EIGHT BOLTS NAS6203-1H AS A UNIT. NOTE 6: FOR SPARE PART REPLACEMENT, USE SCISSORS AND WITH EIGHT BOLTS NAS6203-1H AS A UNIT. NOTE 6: FOR SPARE PART REPLACEMENT, USE SLEEVE 204-011-443-001, AND EIGHT SCREWS ANSO2-10-6 WITH EIGHT BOLTS NAS6203-1H AS A UNIT. NOTE 7: FOR SPARE PART REPLACEMENT, USE SLEEVE 204-011-443-003 AND BOTH WASHERS 204-011-457-003, AS A UNIT, WITH TWO BOLTS 204-011-463-107 AND TWO WASHERS 204-011-445-101 AND REPLACE BOTH BEARINGS 204-011-447-101 AND REPLACE BOTH BEARINGS 204-011-443-001 AND LINER ASSEMBLY AND EIGHT SCREWS ANS02-10-6 WITH TWO BEARINGS 204-011-447-101 AND REPLACE BOTH BEARINGS 204-011-447-101 AND LINER ASSEMBLY AND EIGHT SCREWS ANS02-10-6 WITH TWO BEARINGS 212-011-413-101 AND LINER ASSEMBLY AND EIGHT SCREWS ANS02-10-6 WITH TWO BEARINGS		SPSPS P SP	



(1)	(2)	(3)	(4)	(5)	(6)
INDEX NUMBER	PART NUMBER	ITEM NAME	UNIT PER ASSY	A V A I L	0 C
		Figure 62-10. Scissors and Sleeve Assembly (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.			