CHART A - EMI WEIGHT CHECK LIST N4503E

AIRCRAFT S-61N SHORT SERIAL NO. 61-220 ENTER DATE 10/4/08

ITEM NUMBER	ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/100		CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
B	ELECTRONICS COMPARTMENT (82-160)																				
B27	RATE GYRO (B2888-01)					X															
B28	RATE GYRO (2850-5)					X															
B29	DC REGULATOR (E1597-1)					X															
B30	FIELD & VOLTAGE RELAY (A927C)					X															
B31	INVERTER (E5109-2)					O															
B32	GYRO COMPASS (2587193-43)					O															
B33	AFCS AMP (56635-4)					O															
B34	CHANNEL MONITOR (S6190-6004-5)					O															
B35																					

CHART A - EMI WEIGHT CHECK LIST N4503E

AIRCRAFT S-61N SHORT SERIAL NO. 61-220 ENTER DATE 10/4/08

ITEM NUMBER	ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/100		CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
C	CABIN (160-493)																				
C1	SLIDING DOOR, COCKPIT TO CABIN	[redacted]	160			O															
C2	NON SLIDING DOOR COCKPIT TO CABIN					O															
C3	HEATING SYSTEM:																				
	FUEL CONTROL UNIT (B54-000)	[redacted]	167			O															
	HEATER (A90C13 JANITOROL)	[redacted]	168			O															
	BLOWER (JOY 500702-5440)	[redacted]	168			O															
	SWITCH, AIR PRESSURE	[redacted]	173			O															
	IGNITION UNIT (A11C30)	[redacted]	174			O															
	DUCT (WARM WEATHER CABIN	[redacted]				O															
	HEATER CONVERSION) (OPP)	[redacted]	168			O															
C4	ELECTRIC HEATER	[redacted]	167			O															
C5	HOIST CNTRL PANEL					O															
C6	FM TRANSCEIVER (TDFM136)					X															
C7	FLIGHT MANUAL					X															
C8	UNUSABLE FUEL -FWD TANK	[redacted]	204			X															
C9	PASSENGER SEAT & BELTS																				
	(2 PLACE) (S6150-62903-101)		205			X															
C10	PASSENGER SEAT & BELTS																				
	(1 PLACE) (S6150-62901-101)		205			X															
C11	FIRE KING COMPUTER					X															
C12	PASSENGER SEAT & BELTS																				
	(2PLACE) (S6150-62903-101)		239			X															
C13	PASSENGER SEAT & BELTS																				
	(1 PLACE) (S6150-62901-101)		239			X															
C14	UNUSABLE FUEL - CNTR TANK	[redacted]	252			X															
C15	PASSENGER SEAT & BELTS																				
	(2PLACES) (S6150-62903-101)		273			X															

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Date: _____

T A - EMI WEIGHT CHECK LIST N4503E
AFT MODELS S-61N SERIAL NO. 61-220 ENTER DATE 10/4/08

ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/100		CHECK 1		CHECK 2		CHECK 3		CHECK 4		CHECK 5		CHECK 6		CHECK 7		CHECK 8	
					IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY
BIN (160-493) CONTINUED																				
SSENGER SEAT & BELTS																				
LACE) (S6150-62901-101)		273			X															
USABLE FUEL - AFT TANK	[redacted]	306			X															
SSENGER SEAT & BELTS																				
LACES) (S6150-62903-101)		307			X															
SSENGER SEAT & BELTS																				
PLACE) (S6150-62901-101)		307			X															
ND FIRE EXTINGUISHER (CHARGED)					X															
ST AID KIT #1C					X															
TENDANT'S SEAT & BELT		322			O															
SSENGER SEAT & BELTS																				
PLACE) S6150-62901-101)		341			X															
SSENGER SEAT & BELTS																				
PLACE) (S6150-62904-101)		371			O															
SSENGER SEAT & BELTS																				
PLACE) (S6150-62901-101)		375			X															
SSENGER SEAT & BELTS																				
PLACE) (S6150-62906-101)		409			X															
SSENGER SEAT & BELTS																				
PLACE) (S6150-62905-101)		409			O															
SSENGER SEAT & BELTS																				
PLACE) (S6150-62907-101)		443			O															
SSENGER SEAT & BELTS																				
PLACE) (S6150-62908-101)		472			O															

All (b)(4)

Rev. _____

Date: _____

[redacted]

[redacted]

[redacted]

AU (b)(4)

[redacted] LIST N4503E 61-220 ENTER DATE

[redacted] ...NT	WEIGHT	ARM	MOMENT/100		CHECK 1 (10/4/08) IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
[redacted] 350)																				
[redacted]		179			x															
[redacted]		181			x															
[redacted]		200			x															
[redacted]		207			x															
[redacted]		207			x															
[redacted]		274			x															
[redacted]		292			x															
[redacted]		300			x															
[redacted]		317			x															
[redacted] EA		329			x															
[redacted] 061)		332			x															
[redacted] EA		295			x															
[redacted]	[redacted]	308			x															

[redacted]

SIKORSKY AIRCRAFT
S-61N FLIGHT MANUAL
For Aircraft Incorporating
Short Fuselage Configuration

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EIGHT CHECK LIST N4503E
RT SERIAL NO. 61-220 ENTER DATE 10/4/08

D LOCATION COMPARTMENT	WEIGHT	ARM	MOMENT/100		CHECK 1		CHECK 2		CHECK 3		CHECK 4		CHECK 5		CHECK 6		CHECK 7		CHECK 8	
					IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY
93-705)																				
DY 500702-5440)		497			O															
NSATOR (C14)		543			X															
		543			X															
L GEAR BOXES		687			X															
T (OPT)					O															
B54C00)		521			O															
OC13)		522			O															
		522			O															
E		534			O															
0)		535			O															
					X															
T																				
4 EA	[redacted]	221			X															
		505			X															
ARSON TYPE)	[redacted]	267			O															
KORSKY TYPE)	[redacted]	267			O															
NS (OPT.)	[redacted]	167			X															
TOR (OPT.)	[redacted]	156.5			O															
	[redacted]	267			O															
	[redacted]	227			X															
EAR	[redacted]	221			O															

SIKORSKY AIRCRAFT
S-61N FLIGHT MANUAL
For Aircraft Incorporating
Short Fuselage Configuration

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A	10	168			X															
IPTY WEIGHT CHECK LIST	N4503E																			
IN LONG SERIAL NO.	61-220 ENTER DATE				10/4/08															
					CHECK 1		CHECK 2		CHECK 3		CHECK 4		CHECK 5		CHECK 6		CHECK 7		CHECK 8	
EMS AND LOCATION / UPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/100		IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY
UIPMENT CONT.																				
OIST		40			O															
D TANK		21			O															
		221			X															
		206			O															
KET AND PLATE		156			X															
TY BAR					X															
TOR EQUIPMENT																				
R BLADES (B.I.M.) 5EA		267			O															
R FAIRING		267			X															
BLADES		705			X															
MPOSITE TAIL ROTOR BLADES		705			O															
(WITH COVERS)	[redacted]	267			X															
(LESS COVERS)	[redacted]	267			O															
MPOSITE MRB'S 5EA		267			X															

All (b)(4)

INTERAGENCY HELICOPTER LOAD CALCULATION Electronic Version (1/04)		MODEL	S61N-CB
		N#	N4503E
PILOT(S)	PIC / SIC	DATE	10/6/2008
MISSION	Empty Weight	TIME	0800
1 DEPARTURE	Heli-Base	PA 7000	OAT 20
2 DESTINATION	Wildland Fire	PA 7000	OAT 20
3 HELICOPTER EQUIPPED WEIGHT		[redacted]	
4 FLIGHT CREW WEIGHT		400	
5 FUEL WEIGHT	255 gals X 7 lbs/gal	1785	
6 OPERATING WEIGHT (3 + 4 + 5)		[redacted]	

	Non-Jettisonable		Jettisonable
	HIGE	HOGE	HOGE- J
7a PERFORMANCE REFERENCE (List chart/supplement from Flight Manual)		RFMS 5	RFMS 5

[redacted]

INTERAGENCY HELICOPTER LOAD CALCULATION Electronic Version (1/04)		MODEL	S61N-CB
		N#	N4503E
PILOT(S)	PIC / SIC	DATE	10/6/2008
MISSION	Fire King Tank	TIME	0800
1 DEPARTURE	Heli-Base	PA 7000	OAT 20

3 HELICOPTER EQUIPPED WEIGHT [redacted]

INTERAGENCY HELICOPTER LOAD CALCULATION

Electronic Version (1/04)

MODEL	S61N-CB		
N#	N4503E		
PILOT(S)	PIC / SIC	DATE	10/6/2008
MISSION	Bucket	TIME	0800
1 DEPARTURE	Heli-Base	PA 7000	OAT 20
2 DESTINATION	Wildland Fire	PA 7000	OAT 20
3 HELICOPTER EQUIPPED WEIGHT		[redacted]	
4 FLIGHT CREW WEIGHT		400	
5 FUEL WEIGHT 255 gals X 7 lbs/gal		1785	
6 OPERATING WEIGHT (3 + 4 + 5)		[redacted]	

	Non-Jettisonable		Jettisonable
	HIGE	HOGE	HOGE- J
7a PERFORMANCE REFERENCE (List chart/supplement from Flight Manual)		RFMS 5	RFMS 5
7b COMPUTED GROSS WEIGHT (From Flight Manual **Performance** Section)		[redacted]	[redacted]
8 WEIGHT REDUCTION (Required for all Non-Jettisonable loads)			
9 ADJUSTED WEIGHT (7b minus 8)	0	[redacted]	[redacted]
10 GROSS WEIGHT LIMITATION (From Flight Manual **Limitations** Section)	22000	22000	22000
11 SELECTED WEIGHT (**Lowest** of 9 or 10)	0	[redacted]	[redacted]
12 OPERATING WEIGHT (From Line 6)	[redacted]	[redacted]	[redacted]
13 ALLOWABLE PAYLOAD (11 minus 12)	[redacted] *Payload Exceeded*	[redacted] *OK*	[redacted] *OK*

14 PASSENGERS/CARGO

[redacted]

N103WF

AIRCRAFT ACTUAL WEIGHT AND HORIZONTAL BALANCE, CHART B

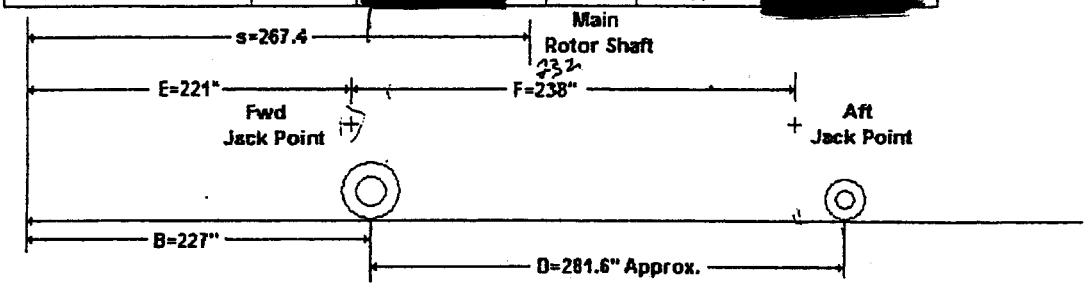
S-61N MODEL HELICOPTER (Form 80-287)

Prepared By: Corey Brette

Date: 10-5-08 Req. No. N103WF Serial No. 61-766

SCALE POSITION	SCALE No.	SCALE READING (lbs)	TARE	SYMBOL	NET WEIGHT
LEFT MAIN POINT	Yellow	[redacted]		Wl	[redacted]
RIGHT MAIN POINT	Red	[redacted]		Wr	[redacted]
NOSE/TAIL POINT	Blue	[redacted]		Wt	[redacted]
TOTAL WEIGHT		[redacted]		W	[redacted]

A11 (b)(4)



CENTER OF GRAVITY TO FORWARD DATUM (HORIZ. DIST. – AS WEIGHED)

Weighing on MLG Jack Points $B + \frac{Wl(F-6)}{W}$

Weighing on Wheels $B + \frac{Wt \times D}{W}$ _____ = 268.14

Weighing on Jack Points $E + \frac{Wt \times F}{W}$

CORRECTED WEIGHT AND HORIZONTAL BALANCE

ITEMS ADDED & SUBTRACTED	WEIGHT (lbs)	HORIZONTAL DIST (in) C.G. TOFWD DATUM	MOMENT (lb. in.)
Aircraft as Weighed	[redacted]	268.14	[redacted]
Plus -	0		
Minus -	0		
TOTAL EMPTY/GROSS WEIGHT	[redacted]	268.14	[redacted]
BALANCE (corrected) Horizontal Dist. – s = in. Fwd/Aft of Main Rotor Centroid			

Form # 80-287

Witnessed By: _____

T C – BASE WEIGHT AND BALANCE RECORD

Form # 80-285

Reg. No. 103WF | Serial No. 61766 | Page No. 1

IPTION OF ARTICLE MODIFICATION	WEIGHT CHANGE						CURRENT TOTAL BASIC AIRCRAFT		
	ADDED (+)			REMOVED (-)					
	WEIGHT	ARM	MOMENT	WEIGHT	ARM	MOMENT	WEIGHT	MOMENT	C.G.
							[redacted]	[redacted]	268.14

CHART A - EMI WEIGHT CHECK LIST

AIRCRAFT S-61N LONG SERIAL NO. 61766 ENTER DATE 10-5-09

ITEM NUMBER	ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/100	DELIVERY EQUIPMENT	CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
A	COCKPIT COMPARTMENT (82-160)																				
A1	WINDSHIELD DE-ICING AUTOTRANSFORMER																				
	(906-1A) 2 EA		42			O															
A2	BATTERY, (61550-61599-041)	[redacted]	45			X															
A3	WINDSHIELD DE-ICING CONT. (1378-1B)		45			O															
A4	WINDSHIELD WIPER INSTL																				
	(S6120-71117)	[redacted]	52			X															
A5	AIRSPEED IND.																				
	(ARESONIC S15 KAW) 2 EA.	[redacted]	61			X															
A6	ALTIMETER-BAROMETRIC																				
	(10450-3190) 2 EA.		61			X															
A7	GAS GEN. TACH. (8DJ81) 2 EA.	[redacted]	61			X															
A8	COURSE IN. (36109-1AG-22 BENDIX)					O															
	(C-4A COMPASS)	[redacted]	62			O															
A9	HYDRAULIC PRESS IND.																				
	(SR-152A TYPE 3) 2 EA.	[redacted]	63			X															
A10	XMSN OIL TEMP. IND. (163B202D)	[redacted]	63			X															
A11	XMSN OIL PRESS IND. (SR-152A TYPE 3)	[redacted]	63			X															
A12	ENGINE OIL PRESS IND. (SR-151A TYPE 2) 2 EA.	[redacted]	63			X															
A13	ENGINE OIL TEMP. IND. (163B2) 2 EA.	[redacted]	62			X															
A14	ALTIMETER (5934PA-3)		61			O															
A15	AG AIR OIL PRESS. (M245-40682-K-20)					X															
A16	FIRE KING TANK QTY PANEL (M245-0-2-71-01)					X															
A17	COURSE DEVIATION IND (2010056-09)					O															
A18	RMI (36104-IL-11-A2)					X															
A19	RMI (36109-1AG20AZ)					X															

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AIL (6/14)

WEIGHT CHECK LIST

ODELS S-61N SERIAL NO. 61766 ENTER DATE 10-5-08

TEMS AND LOCATION / JPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/101	DELIVERY EQUIPMENT	CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
MPARTMENT (82-160) (CONT.)																				
PANEL (S6155-610951)					X															
GEMENT PANEL ( )					X															
(8DJ81-CAA4)		62			X															
(8DJ81-CAA2)		62			X															
68-00)		62																		
CONTROLLER					X															
ANEL					X															
IANAGEMENT PANEL					X															
UTION PANEL					X															
ANEL					X															
NEL																				
AUTION PANEL					X															
ACON PANEL																				
K LOAD IND.					X															
NS ~~2EA.~~ 1ea					X															
RESSURE IND. (SR-152-A)					X															
IND (SR151A)	[redacted]	112			X															
~~UNSC. INC. P/N H9000-044~~																				
B. INLET TEMP IND. DIAMOND J					X															
-044)	[redacted]	112																		
TITY IND. FWD AFT TANKS																				
884) 2 EA	[redacted]	112			X															
TITY IND. CNTR TANK																				
708) 1 EA	[redacted]	112			X															
TER (8AW/61LVAT)	[redacted]	113			X															
TER (NAF1125-300)	[redacted]	113			X															
OMPASS (CB2100T4)	[redacted]	113			X															
STANDBY COMPASS (MS 17903-2)	[redacted]	113			X															

CHART A - EMI WEIGHT CHECK LIST

AIRCRAFT S-61N LONG SERIAL NO. 61766 ENTER DATE 10-5-08

ITEM NUMBER	ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/102	DELIVERY EQUIPMENT	CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
A	COCKPIT COMPARTMENT (82-160) (CONT.)																				
A44	TORQUE METER (357-1320-0010) 2 EA.	[redacted]	113																		
A45	TRIPLE TACHOMETER (8DJ131-AAB-1) 2 EA.	[redacted]	114			X															
A46	INSTANTANEOUS VERTICAL SPEED IND.					X															
	(RC-30-V-10) 1 EA.	[redacted]	114			X															
A47	ATTITUDE IND. (140 100-01-01) 2 EA	[redacted]	114			X															
A48	CLOCK (W33-T540-10) 2 EA.	[redacted]	114			X															
A49	CUSHIONS, SEAT, PILOT & CO-PILOT																				
	(BOTTOM) 2 EA.	[redacted]	142			X															
A50	SAFETY BELT (1101155-0) (LAP) 2 EA.	[redacted]	147			X															
A51	SEATS, PILOT & CO- PILOT (677810000)	[redacted]	149			X															
A52	VERTICAL SPEED INDICATOR (SL29066) 2 EA.	[redacted]	114			X															
A53	CUSHIONS, BACK, PILOT &CO-PILOT 2EAC	[redacted]	153			X															
A54	SHOULDER HARNESS (11011155-0) 2 EA.	[redacted]	153			X															
A55	JUMP SEAT & SAFETY BELT	[redacted]	158			X															
A56	FIRST AD KIT	[redacted]	158			X															
A57	PORTABLE FIRE EXT. (KIDDE2TA)	[redacted]	158			X															
A58	WINDSHIELD WASHER BAG (INCL. FLUID)	[redacted]	158			X															
A59	NAT INTERCOM (N301A-032) 2 EA					X															
A60	FM TRANSCEIVER (TDFM136)					X															
A61	CONTROL PANEL (A.F.C.S)	[redacted]	128			X															
A62	CONTROL PANEL -CHANNEL MONITOR (A.F.C.S)	[redacted]	131			X															
A63	KING VHF COM KX165T50	[redacted]	113			X															
A64	~~KING~~ TRANSPONDER ~~KT79~~	[redacted]	113			X															
A65	KING DME KN 62A	[redacted]	113			X															
A66	VOR/LOC/GS IND KT 206 (066-3034-04) 2EA	[redacted]	113			X															
A67	ALTITUDE DIGITIZER D12-P2	[redacted]	113			X															

CHART A - EMI WEIGHT CHECK LIST

AIRCRAFT S-61N LONG SERIAL NO 61766 ENTER DATE 10-5-08

ITEM NUMBER	ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/103	DELIVERY EQUIPMENT	CHECK 1		CHECK 2		CHECK 3		CHECK 4		CHECK 5		CHECK 6		CHECK 7		CHECK 8	
						IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY
A	COCKPIT COMPARTMENT (82-160) (CONT.)																				
A68	MARKER BEACON RCVR. (KMR675)	[redacted]	113			O															
A69	GARMIN GNS 530A .	[redacted]	113			X															
A70	GARMIN GTX330	[redacted]	113			X															
A71	WXT RADAR IND. KWX58 NARCO	[redacted]	134			O															
A72	SKY CONNECT PANEL																				
A73																					

AM (b)(4)

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Date: _____

- EMI WEIGHT CHECK LIST
T S-61N LONG SERIAL NO. 61766 ENTER DATE 10-5-08

ITEMS AND LOCATION ROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/104	DELIVERY EQUIPMENT	CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
ONICS COMPARTMENT (82-160)																				
HARTMAN A770N) 2 EA					X															
EMP. RECORDER (84C8) 2 EA.					X															
G LIGHTS (GRIMES 45-0013) 2 EA					X															
E REGULATOR (E-1597-1)					X															
IER & MOUNT (BENDIX AMA-10A)					X															
N, COMPASS (C14A)					X															
RTER (6RW162YF1) 1EA.					X															
ER (219831)					X															
OL GYRO (LEAR 7000R) 2 EA					X															
ISORY PANEL (34D12-2) 2 EA					X															
IER GYRO (121672-01-17) 2 EA					X															
IER- AFCS- LAG (6192-61090)					X															
OL UNIT, HEATER (CYL2-1886-40)					X															
IER-AFCS (6190-60060-4)					X															
T AMPLIFIER (AFCS)					X															
OL UNIT ATI-ICE (10690-1) 2 EA					X															
G LIGHT (GRIMES 45-0013-3) 2 EA					X															
LIGHT #9371 (STOWED POSITION)					X															
RTER (28V5200Y-13)					X															
ISORY PANEL (21B 17-10) 2 EA					X															
TTERY NOSE					X															
ITE CONTROL SYSTEM (11505-4)	[redacted]		(X)		X															
T VOICE RECORDER					X															
SAL AVIONICS CVR-120					X															
HOIST					X															
V CONVERTER ~~(M528126-2)~~ XIR					X															
~~P/N 6RW162YF1~~																				

CHART A - EMI WEIGHT CHECK LIST
AIRCRAFT S-61N LONG SERIAL NO. 61766 ENTER DATE 10-5-08

ITEM NUMBER	ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/105	DELIVERY EQUIPMENT	CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
B	ELECTRONICS COMPARTMENT (82-160)																				
B27	RATE GYRO (B2888-01)					O															
B28	RATE GYRO (2850-5)					O															
B29	DC REGULATOR (E1597-1)					X															
B30	FIELD & VOLTAGE RELAY (A927C)					X															
B31	INVERTER (E5109-2)					X															
B32	GYRO COMPASS (2587193-43)					O															
B33	AFCS AMP (56635-4) (Hamilton Standard)					X															
B34	SKY CONNECT RT					X															
B35	GARMIN GDL 69 WX RADAR MODULE					X															
B36																					

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IGHT CHECK LIST

G SERIAL NO. 61766 ENTER DATE 10-5-08

D LOCATION COMPARTMENT	WEIGHT	ARM	MOMENT/108	DELIVERY EQUIPMENT	CHECK 1		CHECK 2		CHECK 3		CHECK 4		CHECK 5		CHECK 6		CHECK 7		CHECK 8	
					IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY	IN AIRCRAFT	CHART C ENTRY
NUED																				
LTS (C-15)																				
-101)		371			O															
TS (C-15)																				
-101)		375																		
TS (C-17)																				
-101)		409			O															
R:																				
		409			O															
					O															
		443			X															
G					O															
R H		472			X															
L H					X															
FING					O															
					X															
					[illegible]															
A-032) #4 POSITION					X															

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Date:

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All (6)(5)

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Date: ______________

SIKORSKY AIRCRAFT

S-61N FLIGHT MANUAL

Part 2, Section IV

Loading Information

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
CHECK 8	CHART C ENTRY																													
	IN AIRCRAFT																													
CHECK 7	CHART C ENTRY																													
	IN AIRCRAFT																													
CHECK 6	CHART C ENTRY																													
	IN AIRCRAFT																													
CHECK 5	CHART C ENTRY																													
	IN AIRCRAFT																													
CHECK 4	CHART C ENTRY																													
	IN AIRCRAFT																													
CHECK 3	CHART C ENTRY																													
	IN AIRCRAFT																													
CHECK 2	CHART C ENTRY																													
	IN AIRCRAFT																													
CHECK 1 10-5-08	CHART C ENTRY																													
	IN AIRCRAFT		O	O	O	O	O	O	O	O	O	O	O	O	O	X	X	X		O	O			X	X		X		X	
ENTER DATE	DELIVERY EQUIPMENT																													
	MOMENT/106																													
	ARM			110			117	118	118	123	124		118							124		120	171		204		205		205	
	WEIGHT																													
E LIST S-61766	NT																	TION												

[redacted]

CHART A - EMI WEIGHT CHECK LIST

AIRCRAFT S-61N LONG SERIAL NO. 61766 ENTER DATE 10-5-08

ITEM NUMBER	ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/109	DELIVERY EQUIPMENT	CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
D	ENGINE & TRANSMISSION COMPT. (160-350)																				
D1	STARTER (G.E. 2CM270D3) 2 EA	[redacted]	179			X															
D2	OIL TANK (S6130-80205) 2 EA	[redacted]	181			X															
D3	OIL UNUSABLE (0.67 GAL)	[redacted]	200			X															
D4	ENGINE (CT58-140-1-2) LH		207			X															
D5	ENGINE (CT58-140-1-2) RH		207			X															
D6	OIL, MAIN GEAR BOX & COOLER	[redacted]	274			X															
D7	HYDRAULIC PUMP (66WAP200)2 EA	[redacted]	292			X															
D8	GENERATOR (BENDIX 30E20-39)	[redacted]	300			X															
D9	BLOWER, OIL COOLER(A15008)	[redacted]	317			X															
D10	FIRE EXT - ENGINE (CHARGED) (81134) 2 EA	[redacted]	329			X															
D11	TRANSMISSION OIL COOLER (DRY) (8528061)	[redacted]	332			X															
D12	GENERATOR (BENDIX 288-135-29AM) 2 EA	[redacted]	395			X															
D13	AG-AIR AUX HYDRAULIC SYSTEM	[redacted]	308			X															
D14																					

All (6)

CHART A - EMI WEIGHT CHECK LIST

AIRCRAFT S-61N LONG SERIAL NO. 61766 ENTER DATE 10-5-08

ITEM NUMBER	ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/110	DELIVERY EQUIPMENT	CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
E	TAIL CONE & PYLON (493-705)																				
E1	BLOWER FRESH AIR (JOY 500702-5440)		497			O															
E2	FLUX VALVE & COMPENSATOR (C14)		543			X															
E3	CATWALK		543			O															
E4	OIL, INTERMED, & TAIL GEAR BOXES		687			X															
E5	HEATING SYSTEM- AFT (OPT)					O															
	FUEL CONTROL UNIT (B54C00)		521			O															
	HEATER (JANITROL A90C13)		522			O															
	BLOWER (JOY 500702)		522			O															
	SWITCH, AIR PRESSURE		534			O															
	IGNITION UNIT (A11C30)		535			O															
E6	ARTEX 406 ELT					X															
F	EXTERNAL EQUIPMENT																				
F1	MAIN TIRES 6.50X10 4 EA		221			X															
F2	TAIL TIRE 6.00X6		505			X															
F3	CARGO SLING (OPT. CARSON TYPE)		267			O															
F4	CARGO SLING (OPT. SIKORSKY TYPE)		267			O															
F5	ENG. AIR INLET SCREEN (OPT.)		167			O															
F6	AIR INLET ICE DEFLECTOR (OPT.)		156.5			O															
F7	WEIGHT BEAM		267			O															
F8	FIXED LANDING GEAR		227			X															
F9	SPONSON LANDING GEAR		221			O															
F10	WTX RADAR ANT.		168			X															

Date: _____ Rev. _____

CHART A - EMI WEIGHT CHECK LIST

AIRCRAFT S-61N LONG SERIAL NO. 61766 ENTER DATE 10-5-08

ITEM NUMBER	ITEMS AND LOCATION GROUPED BY COMPARTMENT	WEIGHT	ARM	MOMENT/111	DELIVERY EQUIPMENT	CHECK 1 IN AIRCRAFT	CHECK 1 CHART C ENTRY	CHECK 2 IN AIRCRAFT	CHECK 2 CHART C ENTRY	CHECK 3 IN AIRCRAFT	CHECK 3 CHART C ENTRY	CHECK 4 IN AIRCRAFT	CHECK 4 CHART C ENTRY	CHECK 5 IN AIRCRAFT	CHECK 5 CHART C ENTRY	CHECK 6 IN AIRCRAFT	CHECK 6 CHART C ENTRY	CHECK 7 IN AIRCRAFT	CHECK 7 CHART C ENTRY	CHECK 8 IN AIRCRAFT	CHECK 8 CHART C ENTRY
F	EXTERNAL EQUIPMENT CONT.																				
F11	GOODRICH HOIST	[redacted]	40			O															
F12	AERIAL LIQUID TANK	[redacted]	21			O															
F13	SIREN	[redacted]	221			X															
F14	SNORKEL	[redacted]	206			O															
F15																					
G	ROTOR & ROTOR EQUIPMENT																				
G1	MAIN ROTOR BLADES (B.I.M.) 5EA	[redacted]	267			O															
G2	MAIN ROTOR FAIRING	[redacted]	267			X															
G3	TAIL ROTOR BLADES	[redacted]	705			X															
G4	CARSON COMPOSITE TAIL ROTOR BLADES	[redacted]	705			O															
G5	BIFILAR ASSY (WITH COVERS)	[redacted]	267			X															
G6	BIFILAR ASSY (LESS COVERS)	[redacted]	267			O															
G7	CARSON COMPOSITE MRB'S 5EA	[redacted]	267			X															
G8																					

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Date: _____

INTERAGENCY HELICOPTER LOAD CALCULATION Electronic Version (1/04)	MODEL	S61N-CB
	N#	N103WF