

89/61/1

CHART A - BASIC WEIGHT CHECK LIST

FOR USE IN T.O. 1-18-40 & AN 01-18-40

RECORD OF CHECKING (Enter date)

PAGE 1 OF 14 PAGES

AIRPLANE MODEL

CH-47C

SERIAL NUMBER

68-15993

DELIVERY DATE
MAY 21 1969

25 FEB 70

6 Sept 70

28 MAY 71

13 SEP 71

29 JAN 1974

MAR 20 1973

2 AUG 1976

10 APR 79

COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	1/ MOMENT 1000	DELIVERY EQUIPMENT	CHECK											
						1 IN AIRPLANE CHART C ENTRY	2 IN AIRPLANE CHART C ENTRY	3 IN AIRPLANE CHART C ENTRY	4 IN AIRPLANE CHART C ENTRY	5 IN AIRPLANE CHART C ENTRY	6 IN AIRPLANE CHART C ENTRY	7 IN AIRPLANE CHART C ENTRY	8 IN AIRPLANE CHART C ENTRY				
A	PILOT'S COMPARTMENT (21.5" TO 95")																
A-1	Dynamic Absorber-Self Tune (90# Mass)-Fwd	160	36	5.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-2	Interphone Junction Box	6	40	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-3	Vertical Gyro Indicator--Pilot ARU-12/A	5	48	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-4	Vertical Gyro Indicator--Co-Pilot ARU-12/A	5	48	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-5	Gyro Magnetic Compass Indicator ID-250	2	49	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-6	Gyro Magnetic Compass Indicator ID-998	4	49	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-7	Tachometer Indicator--Rotor (2)	4	49	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-8	Course Indicator ID-1347/ARN-82	2	50	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-9	Control Panel C-6899/ARN-83	2	54	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-10	Control Panel C-8157/ARC	2	55	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-11	Control Panel C-3940 ()/ARC-94	2	59	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-12	Motor--Windshield Wipers	2	62	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-13	Converters (2)--Windshield Wipers	3	62	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-14	Windshield Wiper--Pilot	2	62	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-15	Windshield Wiper--Co-Pilot	2	62	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-16	Control Panel C-3835 ()/ARC-54	2	69	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-17	Control Panel C-4074 ()/ARC-73	2	70	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-18	Control Panel C-7197/ARC-134	2	70	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-19	Control Panels (2) C-1611 ()/AIC	4	71	.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-20	Control Panel C-4209 ()/ARC for T-366	2	71	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-21	Control Box--Power Steering - Aft L. G.	2	72	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-22	Control Panel C-6280 ()/APX-72	3	73	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

1/ Enter constant used below line.

1/12/61/1

CHART A - BASIC WEIGHT CHECK LIST

FOR USE IN T.O. 1-1B-40 & AN 01-1B-40

RECORD OF CHECKING (Enter date)

DELIVERY DATE: MAY 21 1969
 25 FEB 70
 6 SEP 70
 DENIA 471
 13 SEP 71
 29 JAN 1974
 26 MAR 1975
 2 AUG 1976
 10 APR 79

PAGE 2 of 4 PAGES

AIRPLANE MODEL

CH-47C

SERIAL NUMBER

68-15993

COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	1/ MOMENT 1000	DELIVERY EQUIPMENT	CHECK													
						1	2	3	4	5	6	7	8						
						IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY						
A	Pilot's Compartment (21.5" to 95") Cont'd.																		
A-23	Control Panel C-2714 (APX-44)	2	73	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-24	Control Panel ()/ARC-51X or 51BX	3	74	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-25	Seat Cushion--Pilot	4	76	.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-26	Seat Cushion--Co-Pilot	4	76	.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-27	Fire Extinguisher--Portable	8	77	.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-28	Control Panel C-1611 ()/AIC	2	79	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-29	Safety Belt--USAF 54H19651, Pilot	3	81	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-30	Safety Belt--USAF 54H19651, Co-Pilot	3	81	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-31	Dynamic Absorber-Self Tune (90# Mass)-LH	160	83	13.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-32	Dynamic Absorber-Self Tune (90# Mass)-RH	160	83	13.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-33	Back Cushion--Pilot	4	85	.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-34	Back Cushion--Co-Pilot	4	85	.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-35	Seat--Pilot, Incl. Adjust. Mech. & Tracks	34	86	2.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-36	Seat--Co-Pilot, Incl. Adjust. Mech. Tracks	34	86	2.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-37	Inertia Reel & Shoulder Harness--Pilot	3	89	.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-38	Inertia Reel & Shoulder Harness--Co-Pilot	3	89	.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-39	Kit, Armor, Air Crew (2) (9 Pilot)	138.7	79.2	11.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-40	Control Panel C-7088/ARC-131	2	69	.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A-41	Control Box Flare Dispenser XM-129 (27 MAR 75)	10	85	.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

1/ Enter constant used below line.

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CHART A - BASIC WEIGHT CHECK LIST

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AIRPLANE MODEL

CH-47C

SERIAL NUMBER

68-15993

DELIVERY DATE
MAY 21 1969

FOR USE IN T O 1-1B-40 & AN 01-1B-40
RECORD OF CHECKING (Enter date)

COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	1/ MOMENT 1000	DELIVERY EQUIPMENT	CHECK													
						1	2	3	4	5	6	7	8						
						IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY						
B	EQUIPMENT COMPARTMENT (95" TO 120")																		
B-1	Inverter--PP-3702 ()/ARC-102	9	97	.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-2	Acoustics--Pilots' & Equipment	33	98	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-3	Line Filter ARC-54	2	99	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-4	Filter F-726 ()/AR for T-366	2	100	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-5	Dynamotor DY-86 ()/ARN-30 for T-366	3	100	.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-6	Transmitter T-366A/ARC	3	101	.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-7	Heater & Blower Syst. --200,000 BTU	65	103	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-8	First Aid Kit	2	105	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-9	Extensible Link, Dual SAS--Yaw	10	105	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-10	Receiver-Transmitter RT-698 ()/ARC-102	46	105	4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-11	Mount ARC-102	11	105	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-12	Receiver-Transmitter ()/ARC-51X or 51BX	31	106	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-13	Box, Heater Control Relay	5	108	.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-14	Receiver-Transmitter RT-348 ()/ARC-54	22	108	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-15	Mount MT-1535 ()/ARC-54	2	108	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-16	Receiver R-1391/ARN-83	10	108	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-17	Mount MT-3605/ARN-83	2	108	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-18	Troop Commander's Seat & Belt	7	109	.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-19	Receiver-Transmitter RT-494 ()/APX-44	23	110	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-20	Mount MT-2100 () APX-44	2	110	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-21	Receiver-Transmitter RT-859/APX-72	11	110	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B-22	Mount MT-3809 ()/APX-72	2	110	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1/ Enter constant used below line.

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CHART A - BASIC WEIGHT CHECK LIST

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AIRPLANE MODEL

CH-47C

SERIAL NUMBER

68-15993

DELIVERY DATE
MAY 21 1969FOR USE IN T.O. 1-1B-40 & AN 01-1B-40
RECORD OF CHECKING (Enter date)

6 Sept 69	28 MAY 71	13 SEP 71	29 JAN 1974	MAR 27 1974	2 AUG 1976	10 APR 79
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COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	MOMENT 1000	DELIVERY EQUIPMENT	CHECK														
						1	2	3	4	5	6	7	8							
						IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY							
B	Equipment Compartment (95" to 120") Cont'd.																			
B-23	Test Set TS-1843 ()/APX	3	110	.3	0011001100															
B-24	Computer KIT-1A/TSEC	12	110	1.3	0011001100															
B-25	Receiver-Transmitter RT-857/ARC-134	16	110	1.8	0011001100															
B-26	Mount MT-3791/ARC-134	2	110	.2	0011001100															
B-27	Receiver-Transmitter AN/ARC-73	25	110	2.8	0011001100															
B-28	Mount AN/ARC-73	2	110	.2	0011001100															
B-29	Extensible Link, Dual SAS - Roll	10	110	1.1	0011001100															
B-30	Extensible Link, Dual SAS - Pitch	10	111	1.1	0011001100															
B-31	Network-Imped. Match. -CU-991 ()ARC-102	17	111	1.9	0011001100															
B-32	Mount - Network MT-1719 ()/AR ARC-102	2	111	.2	0011001100															
B-33	Receiver R-1388/ARN-82	11	111	1.2	0011001100															
B-34	Stowage Container--Winch Accessories	2	112	.2	0011001100															
B-35	Harness, Winch Operator--Stowed in Cntr	4	112	.4	0011001100															
B-36	Hook Assy, Winch--Stowed in Cntr	4	112	.4	0011001100															
B-37	Tackle Block, Overhead--Stowed in Cntr	3	112	.3	0011001100															
B-38	Tackle Block (2), Cargo Floor--Stowed in Cntr	8	112	.9	0011001100															
B-39	Winch--Incl. Cable	56	113	6.3	0011001100															
B-40	Displacement Gyro CN-998 ()/ASN-43V	5	114	.6	0011001100															
B-41	Displacement Gyros (2) SBU-6/A (1 MISSING)	9	114	1.0	0011001100															
B-42	Keyer TSEC/KY-28	12	116	1.4	0011001100															
B-43	Mount MT-3802/ARC	2	116	.2	0011001100															
B-44	Amplifier Boxes (2)--Dual SAS	20	119	2.4	0011001100															

1/ Enter constant used below line.

DD FORM 365A
1 SEPT 54

Previous editions of this form may be used until stocks are exhausted.

Chart Date: See Page 1

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CHART A - BASIC WEIGHT CHECK LIST

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AIRPLANE MODEL

CH-47C

SERIAL NUMBER

68-15993

FOR USE IN T.O. 1-1B-40 & AN 01-1B-40

RECORD OF CHECKING (Enter date)

DELIVERY DATE
MAY 21 1969

65 JUN 70

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COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	1/ MOMENT 1000	DELIVERY EQUIPMENT	CHECK													
						1	2	3	4	5	6	7	8						
						IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY						
B	Equipment Compartment (95" to 120") Cont'd.																		
B-45	Shield - Protective for ARC-102	2	120	.2	✓	✓	X	✓	X	✓	✓	✓	✓	✓	X	X	X	X	X
B-46	Flight Control Closet Armor Prov. (9 Jul 69)	23.9	108.9	2.6		✓	X	✓	X	✓	✓	✓	✓	✓	X	X	X	X	X
B-47	Flight Control Closet Armor Plate (9 Jul 69)	247.7	111.5	27.6		✓	X	✓	X	✓	✓	✓	✓	✓	X	X	X	X	X
B-48	Receiver-Transmitter RT-823/ARC-131	25.19	108	2.7						✓	✓	✓	✓	✓	X	X	X	X	X
B-49	Mounting MT-3664/ARC-131	2	108	.2						✓	✓	✓	✓	✓	X	X	X	X	X
B-50	Mount MT-3949 A/U	3.5	110	.4						✓	✓	✓	✓	✓	X	X	X	X	X
B-51	AN/ASN-128 (20 MAR 78) AUTH. R-102045Z MAR 78	35	98.3	3.44											X	X	X	X	X
B-51	AN/ASN-128 (30 APR 78) REMOVED	35	98.3	3.44											X	X	X	X	X

1/ Enter constant used below line.

DD FORM 365A
1 SEPT 54

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CHART A - BASIC WEIGHT CHECK LIST

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						IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY						
C	CARGO COMPARTMENT (120" TO 242")																		
C-1	Acoustics--Frame 120	16	121	1.9			XXX		X										
C-2	Fire Extinguisher--Portable	8	123	1.0			XXX		X										
C-3	Warning Bell & Troop Jump Lights (Box)	3	124	.4			XXX		X										
C-4	Litter Poles, Stowed (2) *	16	128	2.0			XXX		X										
C-5	Troop Seat #1, Incl Belt & Lwr Spt--1 Man	6	151	.9			XXX		X										
C-6	First Aid Kit--Fwd, LH	2	170	.3			XXX		X										
C-7	Stowage Container--Anchor Line - Paratroop	3	170	.5			XXX		X										
C-8	Anchor Line--Paratroop - Stowed	12	170	2.0			XXX		X										
C-9	Troop Seat, Belt & Lwr Spt--3 Man #2, 4, 6	14	191	2.7			XXX		X										
C-10	Troop Seat, Belt & Lwr Spt--3 Man #3, 5, 7	14	191	2.7			XXX		X										
C-11	Litter Strap Assy., Stowed (2)--Fwd, LH	5	206	1.0			XXX		X										
C-12	Litter Strap Assy., Stowed (2)--Fwd, RH	5	206	1.0			XXX		X										
C-13	Litter Poles, In Use (2)--Fwd, LH	16	208	3.3			XXX		X										
C-14	Litter Poles, In Use (2)--Fwd, RH	16	208	3.3			XXX		X										
C-15	Litter (1)--Fwd, LH **	17	208	3.5			XXX		X										
C-16	Litter (1)--Fwd, RH **	17	208	3.5			XXX		X										
C-17	Litter Strap Assy., In Use (2)--Fwd, LH	5	208	1.0			XXX		X										
C-18	Litter Strap Assy., In Use (2)--Fwd, RH	5	208	1.0			XXX		X										
C-19	First Aid Kit--Fwd, RH	2	220	.4			XXX		X										
C-20	Upper Support Tube--Litter & Seat - Fwd, LH	5	221	1.1			XXX		X										
C-21	Upper Support Tube--Litter & Seat - Fwd, RH	5	221	1.1			XXX		X										
C-22	Escape Axe (Jul 69)	5	194	.97			XXX		X										
Note:	* See Page 14 of 14																		
	**See Page 14 of 14																		

1/ Enter constant used below line.

Chart Date: See Page 1

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AIRPLANE MODEL CH-47C

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						1	2	3	4	5	6	7	8					
						IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY					
D	Cargo Compartment (242" to 364") Cont'd.																	
D-22	Upper Support Tube--Litter & Seat-Mid, RH	3	341	1.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D-23	Hook & Actuator--External Cargo - Stowed	54	348	18.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D-24	Pole--External Cargo Hook--Stowed	2	351	.7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D-25	Anchor Line--Paratroop--Installed	12	356	4.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D-26	Buffer boards (9 Jul 69)	60	300	18.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D-27	Fuel Cell Protective Blankets (9 Jul 69)	55.1	325.4	17.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

1/ Enter constant used below line.

Chart Date: See Page 1

89/61/1

CHART A - BASIC WEIGHT CHECK LIST

PAGE 10 OF 14 PAGES

AIRPLANE MODEL CH-47C

SERIAL NUMBER 68-15993

FOR USE IN T.O. 1-1B-40 & AN 01-1B-40

RECORD OF CHECKING (Enter date)

DELIVERY DATE
MAY 21 1969

25 FEB 70
16 SEPT 70
28 MAY 71
13 SEP 71
29 JAN 1974
MAR 24 1975
8 AUG 1976
10 APR 79

COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	I/ MOMENT 1000	DELIVERY EQUIPMENT	CHECK								
						1 IN AIRPLANE CHART C ENTRY	2 IN AIRPLANE CHART C ENTRY	3 IN AIRPLANE CHART C ENTRY	4 IN AIRPLANE CHART C ENTRY	5 IN AIRPLANE CHART C ENTRY	6 IN AIRPLANE CHART C ENTRY	7 IN AIRPLANE CHART C ENTRY	8 IN AIRPLANE CHART C ENTRY	
F	RAMP COMPARTMENT (486" TO 584")													
F-1	Control Panel C-1611/AIC--Intercom	2	492	1.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-2	Fire Extinguisher--Portable	8	493	3.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-3	Ramp Actuator--LH	15	507	7.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-4	Ramp Actuator--RH	15	507	7.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-5	Hand Pump--Utility Hydraulic System	4	520	2.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-6	Acoustic Ceiling & Sides (9 bulbs)	95	522	49.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-7	Ramp (Incl. Motor & Mechanism) -X-	404	532	214.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-8	Accumulator--Utility Hydraulic System	16	538	8.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-9	Flippers, Ramp--Outb'd. LH & RH 0	27	559	15.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-10	Flipper, Ramp Center 0	14	559	7.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-11	Rear View Mirror, Boom & Braces (Stowed)	7	562	3.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-12	Warning Bell & Troop Jump Lights (Box)	2	572	1.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-13	Generator, 20/30 KVA, LH--Access Drive	55	578	31.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-14	Generator, 20/30 KVA, RH--Access Drive	55	578	31.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-15	Motor, Hydraulic--Access Drive	10	579	5.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-16	Pump, Hydraulic--Access Drive	16	579	9.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-17	M-60D Machine Gun ejection frame, brass and link retainer bag, rapid reload ammunition magazine, and pintle mount (less ammunition)	41.8	579	24.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F-18	Mount Flare Dispenser XM-129 (27 MAR 75)	10	559	5.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Note: -X- See Page 14 of 14
0 See Page 14 of 14

I/ Enter constant used below line.

Chart Date: See Page 1

89/61/1

CHART A - BASIC WEIGHT CHECK LIST

PAGE 11 OF 14 PAGES

AIRPLANE MODEL

CH-47C

SERIAL NUMBER

68-15993

DELIVERY DATE
MAY 21 1969

FOR USE IN T.O. 1-1B-40 & AN 01-1B-40

RECORD OF CHECKING (Enter date)

650770	25 MAY 71	13 SEP 71	17 JAN 1974	MAR 26 1975	2 AUG 1976	10 APR 79
--------	-----------	-----------	-------------	-------------	------------	-----------

COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	MOMENT 1/ 1000	DELIVERY EQUIPMENT	CHECK												
						1	2	3	4	5	6	7	8					
						IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY					
G	TAIL COMPARTMENT (584" TO 630.5")																	
G-1	Pump Motor, Hydraulic--APU	13	594	7.7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
G-2	Cargo Door--Ramp	0	66	599	39.5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
G-3	Oil, 3 Quarts--APU		6	602	3.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
G-4	Escape Door--Ramp Cargo Door	0	3	603	1.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
G-5	Air Induction (Duct)--APU		2	607	1.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
G-6	Gas Turbine Unit--Solar PTU-4/A		71	607	43.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Note: 0 See Page 14 of 14
1/ Enter constant used below line.

Chart Date: See Page 1

1/19/68

CHART A - BASIC WEIGHT CHECK LIST

PAGE 12 OF 14 PAGES

AIRPLANE MODEL

CH-47C

SERIAL NUMBER

68-15993

FOR USE IN T O 1-1B 40 & AN OI 1B 40

RECORD OF CHECKING (Enter date)

DELIVERY DATE
MAY 21 1969

6 Sept 70
28 MAY 71
13 SEP 71
26 MAR 1974
MAR 26 1975
2 AUG 1976
6 APR 01

COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	MOMENT 1/	DELIVERY EQUIPMENT	CHECK												
						1	2	3	4	5	6	7	8					
						IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY					
H	POD--LH (INTERNAL)																	
H-1	Transformer Rectifier	16	176	2.8	11110		X	✓	X	✓	✓	X	X	X	X	X	X	X
H-2	Battery, 24 Volt	34	179	6.1	11110		X	✓	X	✓	✓	X	X	X	X	X	X	X
H-3	Transformer Rectifier	16	183	2.9	11110		X	✓	X	✓	✓	X	X	X	X	X	X	X
H-4	Shock Strut Δ	24	493	11.8	11110		X	✓	X	✓	✓	X	X	X	X	X	X	X
H-5	Jury Strut for Kneeling	7	493	3.5	11110		X	✓	X	✓	✓	X	X	X	X	X	X	X
J	POD--RH (INTERNAL)																	
J-1	Voltage Regulator (2)	5	173	.9	001101	✓	X	✓	X	0	0	0	0	0	0	0	0	0
J-2	Control Panels (2) Generator Protection	18	183	3.3	001101	✓	X	✓	X	0	0	0	0	0	0	0	0	0
J-3	Comb. Voltage Reg. & Protection Panel	6	183	1.1	001101	✓	X	✓	X	0	0	0	0	0	0	0	0	0
J-4	Shock Strut Δ	24	493	11.8	001101	✓	X	✓	X	0	0	0	0	0	0	0	0	0
J-5	Jury Strut for Kneeling	7	493	3.5	001101	✓	X	✓	X	0	0	0	0	0	0	0	0	0
J-6	Power Steering--Aft Landing Gear	19	503	9.6	001101	✓	X	✓	X	0	0	0	0	0	0	0	0	0
K	PYLON--AFT (INTERNAL)																	
K-1	Bottle, Valve & Charge--Eng Fire Ext--LH	5	486	2.4	1111	✓	X	✓	X	✓	✓	X	X	X	X	X	X	X
K-2	Bottle, Valve & Charge--Eng Fire Ext--RH	5	507	2.5	1111	✓	X	✓	X	✓	✓	X	X	X	X	X	X	X
K-3	Dynamic Absorber (90# Mass)	116	578	67.0	1111	✓	X	✓	X	✓	✓	X	X	X	X	X	X	X
K-4	Dynamic Absorber (90# Mass)	116	578	67.0	1111	✓	X	✓	X	✓	✓	X	X	X	X	X	X	X

Continued on Page 12A

Note: Δ See Page 14 of 14

1/ Enter constant used below line.

89/61/

CHART A - BASIC WEIGHT CHECK LIST

FOR USE IN T.O. 1-1B-40 & AN 01-1B-40
RECORD OF CHECKING (Enter date)

PAGE 13 OF 14 PAGES AIRPLANE MODEL CH-47C SERIAL NUMBER 68-15993

DELIVERY DATE MAY 21 1969

25 FEB 70
28 MAY 71
13 SEP 71
29 JAN 1974
MAR 26 1975
2 AUG 1975
10 APR 79

COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	MOMENT 1/ 1000	DELIVERY EQUIPMENT	CHECK													
						1	2	3	4	5	6	7	8	9					
						IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY	IN AIRPLANE CHART C ENTRY					
L	EXTERNAL																		
L-1	Antenna Assy--AN/ARA-56 LH	3	13	.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-2	Antenna Assy--AN/ARA-56 RH	3	13	.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-3	Rear View Mirror, Boom & Braces (Installed)	7	24	.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-4	Landing & Search Light--LH	6	63	.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-5	Landing & Search Light--RH	6	63	.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-6	Antenna, Coupler, Hsg & Brkt (ARC-54)	6	63	.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-7	Maintenance Platform, LH--Fwd Pylon	17	106	1.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-8	Maintenance Platform, RH--Fwd Pylon	17	106	1.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-9	Antenna, Homing AS-1922/ARC	2	130	.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-10	Antenna, VHF-UHF, AT-1108 ()/AR	3	150	.5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-11	Antenna AS-1869/ARN	5	190	1.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-12	Loop Antenna AS-1863/ARN-83	4	192	.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-13	Antenna Assy, HF--ARC-102 LH	9	286	2.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-14	Light, Anti-Collision--Bottom	3	290	.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-15	Hose, Cable & Hdw.--Tow Hook	10	403	4.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-16	Tow Hook Support Fitting	13	417	5.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-17	Hook & Actuator--for Towing	54	428	23.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-18	Screen - Eng. Air Inlet LH	19	473	9.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-19	Screen - Eng. Air Inlet RH	19	473	9.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-20	Maintenance Platform, Aft Pylon--LH	16	555	8.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-21	Maintenance Platform, Aft Pylon--RH	16	555	8.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L-22	Light, Anti-Collision, Top	3	590	1.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

1/ Enter constant used below line.

Chart Date: See Page 1

89/61/1

CHART A - BASIC WEIGHT CHECK LIST

FOR USE IN T.O. 1-18-40 & AN 01-18-40
RECORD OF CHECKING (Enter date)

PAGE 14 OF 14 PAGES

AIRPLANE MODEL CH-47C

SERIAL NUMBER 68-15993

DELIVERY DATE MAY 21 1969

29 JAN 1972
MAR 20 1972

COMPARTMENT AND ITEM NUMBER	ITEMS AND LOCATION (Grouped by Compartment)	WEIGHT	ARM	1/ MOMENT 1000	DELIVERY EQUIPMENT	CHECK								
						1 IN AIRPLANE CHART C ENTRY	2 IN AIRPLANE CHART C ENTRY	3 IN AIRPLANE CHART C ENTRY	4 IN AIRPLANE CHART C ENTRY	5 IN AIRPLANE CHART C ENTRY	6 IN AIRPLANE CHART C ENTRY	7 IN AIRPLANE CHART C ENTRY	8 IN AIRPLANE CHART C ENTRY	
*	Weight & Moment Of A Two-Pole Set Stowed. For Each Additional Stowed Set, Multiply Weight & Moment By Quantity For Applicable Values.													
**	Weight & Moment Of One Litter. For Each Additional Litter, Multiply Weight And Moment By Quantity Installed For Applicable Values.													
θ	These Items May Be Removed Separately. However, They Must Be Removed If Ramp (Item F-7) Is Removed.													
-X-	When Ramp Is Removed Items F-9, F-10, G-2 and G-4 By Mechanical Association, Are Also Removed.													
Δ	These Items Are Removed Only When Kneeling Kit (Items H-5 and J-5) Is Installed.													

1/ Enter constant used below line.

Chart Date: See Page 1

AIRCRAFT WEIGHING RECORD

For use in TO 1-1B-40,
AN 01-1B-40, and
TM 55-405-9.

DATE WEIGHED <i>10 APR 79</i>		MODEL <i>CH-47 C</i>		SERIAL NUMBER <i>68-15993</i>	
PLACE WEIGHED <i>180th AVN. CO. APO 09025</i>			WEIGHING PERSONNEL <i>H. KOSIETZ, CIV. WT.+BAL. TECHN.</i>		
REACTION (Wheels, jackpoints, etc.)	SCALE READING	TARE	NET WEIGHT	ARM	MOMENT
LEFT MAIN	<i>6060</i>	<i>0</i>	<i>6060</i>		
RIGHT MAIN	<i>8320</i>	<i>0</i>	<i>8320</i>		
SUB-TOTAL (Both Main)			<i>14380</i>	<i>E</i> <i>484.5</i>	<i>6967110</i>
NOSE OR TAIL			<i>8060</i>	<i>F</i> <i>96.0</i>	<i>773760</i>
TOTAL (As Weighed)			<i>22440</i>	<i>H</i> <i>344.9</i>	<i>7740870</i>

MEASUREMENTS

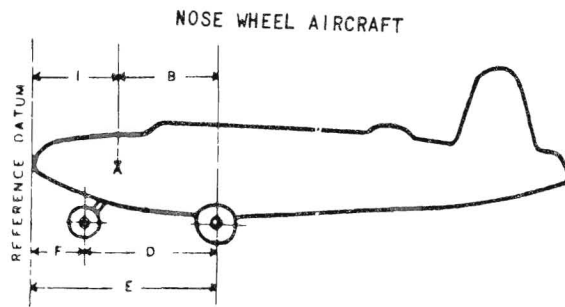
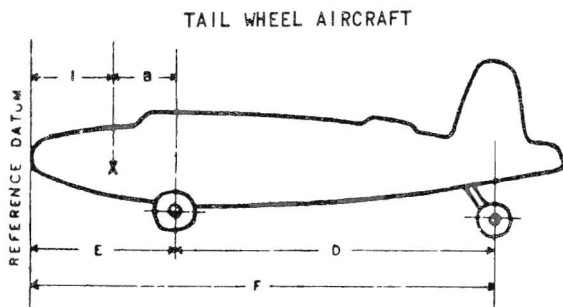
$B =$ _____ the distance from the jig point, to the center line of the main reactions. Obtain by measurement.

$I =$ _____ the distance from the reference datum to the jig point of the aircraft, from which a plumb bob can be dropped to the ground. Obtain from the aircraft diagram in Chart E.

$E =$ *484.5* ^{1/} the distance from the reference datum to the center line of the main reactions.
 $E = I + B$
 $E = I - B$ (If the jig point is aft of the center line of the main reactions.)

$D =$ _____ the wheel base (or the distance between fore and aft reactions.) Obtain by measurement.

$F =$ *96.0* ^{1/} the distance from the reference datum to the center line of the nose or tail reaction.
 $F = E - D$ (For nose wheel type aircraft)
 $F = E + D$ (For tail wheel type aircraft)



DIAGRAMS FOR MEASURING VARIOUS TYPES OF AIRCRAFT TO DETERMINE ARM OF SUPPORT POINTS.

^{1/} Check dimensions E and F against approximate dimensions listed on Chart E.

AIRCRAFT WEIGHING RECORD

For use in TO 1-1B-40,
AN 01-1B-40, and
TM 55-405-9.

DESCRIPTION	NET WEIGHT	ARM	MOMENT	1/ INDEX OR MOM/1000
TOTAL (As Weighed)	22440	344.9	7740870	
OIL IN AIRCRAFT	- 28		- 13459	
TOTAL OF ITEMS WEIGHED BUT NOT PART OF BASIC WEIGHT (From Col. I below)	- 32		- 9480	
TOTAL OF BASIC ITEMS NOT IN AIRCRAFT WHEN WEIGHED (From Col. II below)	+		+	
BASIC AIRCRAFT (Post to Chart C)	22380	344.8	7717931	7717.9

COLUMN I				COLUMN II			
ITEMS WEIGHED BUT NOT PART OF BASIC WEIGHT	WEIGHT	ARM	MOMENT	BASIC ITEMS NOT IN AIRCRAFT WHEN WEIGHED	WEIGHT	ARM	MOMENT
CHAINS (2 EA)	14	251.6	3522				
AIR TIE DOWN							
ROPES (6 PA)	18		5958				
TOTAL	32		9480	TOTAL			

REACTIONS USED

JACK POINTS

TYPE SCALES

REVERE ELEC
CALIBR. SCALE # 5026A

REMARKS

THIS A/C WAS WEIGHED IAW TM 55-405-9
IN A LEVEL FLIGHT POSITION OF 0:0 DEGREES

A/C WEIGHED BY *J. Paul*
70TH TRANS BN. (AVIM)
APO 09028

1/ Enter constant used.

CHART C—BASIC WEIGHT AND BALANCE RECORD

(CONTINUOUS HISTORY OF CHANGES IN STRUCTURE OR EQUIPMENT AFFECTING WEIGHT AND BALANCE)

FOR USE IN T.O. 1-1B-40 &
AN 01-1B-40

AIRPLANE MODEL: **CH-47C** SERIAL NO. **68-15993** PAGE NO. **1**

DATE	ITEM NO.		DESCRIPTION OF ARTICLE OR MODIFICATION	WEIGHT CHANGE						RUNNING TOTAL BASIC AIRPLANE				
	IN	OUT		ADDED (+)			REMOVED (-)			WEIGHT	MOMENT ¹ 1000	ARM		
				WEIGHT	ARM	MOMENT ¹ 1000	WEIGHT	ARM	MOMENT ¹ 1000					
2 APR 69			<i>BASIC WEIGHT (AS DELIVERED)</i>									<i>20606</i>	<i>7142.6</i>	<i>346.6</i>
2 Jul 69	X		MWO 55-1500-210-30/2, Incomp Prov for XM-41 Armament Subsystem	3.61	579	2.1								
	X		MWO 55-1520-227-30/9, Emerg Escape Axe	5.0	194	.97								
	X		MWO 55-1520-227-30/10, Buffer Board Instl	60.0	300	18.0								
	A-39		Kit, Armor, Air Crew (2)	138.7		11.0								
	B-46		Flight Control Closet Armor Prov.	23.9		2.6								
	B-47		Flight Control Closet Armor Plate	247.7		27.6								
	D-27		Fuel Cell Protective Blankets	55.1		17.9								
	F-6		Acoustic Ceiling & Sides				95		49.6					
	K-5		Aft Right Actuator Armor Prov.	14.9		8.2								
	K-6		Aft Right Actuator Armor Plate	65.9		36.1								
	K-7		Aft Left Actuator Armor Prov.	8.7		4.9								
	K-8		Aft Left Actuator Armor Plate	62.4		35.1								
	L-23		Fwd Right Actuator Armor Prov.	4.6		.5								
	L-24		Fwd Right Actuator Armor Plate	52.6		5.5								
	L-25		Fwd Left Actuator Armor Prov.	1.3		.1								
	L-26		Fwd Left Actuator Armor Plate	26.5		2.2								
9 Jul 69			Sub Totals	770.91		172.77	95		49.6					
9 Jul 69			Basic Weight as Calculated at AMXNC, NCAD.									21,252	7265.8	341.9
5 Sept 69	B-7		HUNTER + BLOWER SYSTEM 200-000 BTU				65		6.7					
	B-3		RECEIVER R-1328 HEN 8"				11		1.2					
			MWO 55-1500-227-50/5 INCOMP. INSTRUM				270		4.6					
			IV-1 ENG CONTROL SYSTEM											
			TOTALS				990		12.5					
18 Feb 70	F-17		BASIC WT + MODS AS CALCULATED M-60 MACHINE GUN EJECTION FRAME NOT USED				41.8	579	24.2			21,537	7253.3	342.9

¹Use constant: used below line.

²Balance computer index.

PREVIOUS EDITIONS OF THIS FORM MAY BE USED UNTIL STOCKS ARE EXHAUSTED.

16-70674-1 U. S. GOVERNMENT PRINTING OFFICE

365C

CHART C—BASIC WEIGHT AND BALANCE RECORD
(CONTINUOUS HISTORY OF CHANGES IN STRUCTURE OR EQUIPMENT AFFECTING WEIGHT AND BALANCE)

USE IN T.O. 1-10-40 &
AN 01-18-10

AIRPLANE MODEL

CH-47C

SERIAL NO.

68-15993

PAGE NO.

2

DATE	ITEM NO.		DESCRIPTION OF ARTICLE OR MODIFICATION	WEIGHT CHANGE						RUNNING TOTAL BASE WEIGHT			
				ADDED (+)			REMOVED (-)						
				WEIGHT	ARM	MOMENT ¹	WEIGHT	ARM	MOMENT ¹	WEIGHT	ARM	MOMENT ¹	
25 Feb 70	J-1		VOLTAGE REGULATOR (2)	5	173	0.9					21,111	7,234.1	341.0
25 Feb 70	J-2		CONTROL PANELS (2) GENERATOR PROTECTION	18	183	3.3							
25 Feb 70	B-33		RECEIVER R-138B ARN 82	11		1.2							
			TOTALS	34		5.4							
			BASIC WT. + MOD. AS CALCULATED								21,145	7,234.5	341.0
21 Dec 70		X	MWO-55-420-227-52/2 Removal of T65-6-11 Engines										
		X	MWO-55-1520-227-80/16 Installation of T65-6-7C Engines				16.2	500	81.0				
31 Dec 70			Basic Weight as calculated at APO 96289								20,983	7,163.5	339.8
13 SEP 71			BASIC WEIGHT AS CALCULATED AT APO 96289								20,983	7,153.5	336.8
29 Jan 74			Actual Basic Weight as Weighed								21,996	7,591.1	345.3
27 Mar 75	A-41		Control Box Flare Dispenser XM 129	10	85	.8							
	B-42		Keyer TSEC KY 28	12	116	1.4							
	F-18		Mount Flare Dispenser XM-129	10	559	5.8							
	D-25		Anchor Line Paratroop Installed	12	356	4.3							
		C-8	Anchor Line Paratroop Stowed				12	170	2.0				
		C-5	Troop Seat # 1 Incl Belt & Lwr Spt 1-Man				6	151	7.8				
		F-10	Flipper Ramp Center				14	559	7.8				
27 Mar 75			Basic Weight as Calculated APO 09025								22006	7585.8	344.7
2 Aug 76			Basic weight as weighted at APO 09025								22027	7612.5	345.6
15 Nov 77	B-24		Computer K11-1A/TSEC	12	110	1.3							
	D-28		MWO55-1500-210-30-48	5	268	1.3							
15 Nov 77			Basic Weight as Calculated APO 09025								22044	7615.1	345.5

¹ Enter constant used below line.

¹ Balance computer index.

DD FORM 13 SEP 54 365 C

PREVIOUS EDITIONS OF THIS FORM MAY BE USED UNTIL STOCKS ARE EXHAUSTED.

16-70674-1 U. S. GOVERNMENT PRINTING OFFICE

WEIGHT AND BALANCE CLEARANCE FORM F

TRANSPORT

(USE REVERSE FOR TACTICAL MISSIONS)

Reference
AF Form 2870
RCAF Form F, 1150
80M 5-51 (6707)

FOR USE IN
T. O. 1-17-60
AN 01-18-40

DATE 13 SEP 79	AIRPLANE TYPE CH 47	FROM EDOP	HOME STATION EDOP
MISSION/TRIP/FLIGHT/NO. SERVICE	SERIAL NO. 68 15993	TO	PILOT SIMS

CONDITION	LIMITATIONS		REF	ITEM	WEIGHT	INDEX OR MOM
	TAKEOFF	LANDING				
1 ALLOWABLE GROSS WEIGHT	46000	46000	1	BASIC AIRPLANE (From Chart C)	22380	27179
TOTAL AIRPLANE WEIGHT (Ref. 11)	30393		2	OIL (Gal.)	28	135
OPERATING WEIGHT PLUS ESTIMATED LANDING FUEL WEIGHT		25488	3	CREW (No.)	880	1838
OPERATING WEIGHT (Ref. 5)			4	CREW'S BAGGAGE		
ALLOWABLE LOAD (Ref. 12) (use SMALLEST figure)	15607	20572	5	STEWARDS EQUIPMENT		
3 PERMISSIBLE C. G. TAKEOFF	FROM 312	TO (% M.A.C. or IN.) 337	6	EMERGENCY EQUIPMENT		
4 PERMISSIBLE C. G. LANDING	FROM 309	TO (% M.A.C. or IN.) 339	7	EXTRA EQUIPMENT	300	450
5 LANDING FUEL WEIGHT	1900		8	OPERATING WEIGHT	23588	29602
6 REMARKS			9	TAKEOFF FUEL (Gal.)	6805	21050
			10	WATER IN FLUID (Gal.)		
			11	TOTAL AIRPLANE WEIGHT	30393	10063

REMARKS	12 DISTRIBUTION OF ALLOWABLE LOAD (PAYLOAD)					
	UPPER COMPARTMENTS			LOWER COMPARTMENTS		
	PASSENGERS		CARGO	PASSENGERS		CARGO
NO.	WEIGHT	NO.		WEIGHT		
CRASH RESISTANT FUEL SYSTEM ALL 3 SEATS 3133	A					
	B	30	2000	32		7200
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
M						
N						
O						
P						
Q						
R						
S						
T						
U						
V						
W						
X						
Y						
Z						

CORRECTIONS (Ref. 14)				13 TAKEOFF CONDITION (Uncorrected)	
COMPT.	ITEM	WEIGHT	INDEX OR MOM	WEIGHT	INDEX OR MOM
				32593	23147
				600	1894
				32993	21253
				327.8	
				4305	18541
				32688	10271
				329.5	
TOTAL WEIGHT REMOVED				600	189.4
TOTAL WEIGHT ADDED				+	+
NET DIFFERENCE (Ref. 14)				-600	-189.4

COMPUTED BY
SIMS
SIGNATURE *[Signature]*

WEIGHT AND BALANCE AUTHORITY

PILOT
SIMS
SIGNATURE

NOTE: THIS TRANSPORT CLEARANCE FORM HAS RESULTED FROM TRIPARTITE AGREEMENT AND NO FURTHER CHANGES MAY BE MADE TO IT WITHOUT PRIOR CONSIDERATION BY TRIPARTITE AUTHORITIES.

WEIGHT AND CLEARANCE FORM F TRANSPORT

(USE REVERSE FOR TACTICAL MISSIONS)

Gross Reference
RAF Form 2570
RCAF Form F. 115 O
60M 5-81 (6797)

FOR USE IN
T. O. 1-1B-40 &
AN 01-1B-40

DATE 13 SEP 79	AIRPLANE TYPE CH-47C	FROM EDOP	HOME STATION EDOP
MISSION/TRIP/FLIGHT/NO. S	SERIAL NO. 68-15993	TO	PILOT Nilsson

LIMITATIONS				REF	ITEM	WEIGHT		INDEX OR MOM/1000
CONDITION	TAKEOFF	LANDING	LIMITING WING FUEL					
ALLOWABLE GROSS WEIGHT	46,000	46,000		1	BASIC AIRPLANE (From Chart C)	22380	77179	
TOTAL AIRPLANE WEIGHT (Ref. 1)	30393			2	OIL (3.7 Gal.)	28	135	
OPERATING WEIGHT PLUS ESTIMATED LANDING FUEL WEIGHT				3	CREW (No.) 4	850	1838	
OPERATING WEIGHT (Ref. 3)				4	CREW'S BAGGAGE			
ALLOWABLE LOAD (Ref. 19) (use SMALLEST figure)	15607			5	STEWARD'S EQUIPMENT			
				6	EMERGENCY EQUIPMENT			
				7	EXTRA EQUIPMENT @ STA. 150	300	450	
				8	OPERATING WEIGHT	23588	79602	
PERMISSIBLE C. G. TAKEOFF	FROM 312.1	TO (% M.A.C. or IN.) 340.1		9	TAKEOFF FUEL (1047 Gal.)	6805	21050	
PERMISSIBLE C. G. LANDING	FROM 308.0	TO (% M.A.C. or IN.) 340.5		10	WATER INJ. FLUID (Gal.)			
				11	TOTAL AIRPLANE WEIGHT	30393	100652	

REMARKS	12 DISTRIBUTION OF ALLOWABLE LOAD (PAYLOAD)						WEIGHT	INDEX OR MOM/1000	
	COMPT	UPPER COMPARTMENTS			COMPT	LOWER COMPARTMENTS			
		PASSENGERS	CARGO	WEIGHT		PASSENGERS			CARGO
CRASH RESISTANT FUEL SYSTEM: FWD AUX; 241 GAL MAIN; 567 GAL AFT AUX; 239 GAL TOT. 1047 GAL 2 CE ^s SEATS 3833 2 PERSHING 3 PAX, SEATS 2,432									
	A								
	B		1 PERSHING AT STA. 227				2877	6531	
	C		1 PERSHING AT STA 405				2877	11652	
	D								
	E		3 PAX IN SEATS 2,432				720	1998	
	F								
	G								
	H								
	I								
	J								
	K								
L									
M									
N									
O									
P									
1 Enter constant used. 1000									
2 Enter values from current applicable T. O. N/A	FWD	BELLY							
3 Applicable to gross weight (Ref. 15). N/A	AFT	BELLY							
4 Applicable to gross weight (Ref. 18). N/A									
5 Ref. 9 minus Ref. 17. 1900									

CORRECTIONS (Ref. 14)				13 TAKEOFF CONDITION (Uncorrected)	WEIGHT	INDEX OR MOM/1000
			CHANGES (+ or -)		36867	120833
				14 CORRECTIONS (If required)		
				15 TAKEOFF CONDITION (Corrected)	36867	120833
				16 TAKEOFF C. G. IN % M. A. C. OR IN.	327.8	
				17 LESS FUEL.	4905	15435
				18 LESS AIR SUPPLY LOAD DROPPED		
				19 MISC. VARIABLES		
				20 ESTIMATED LANDING CONDITION	31962	105398
				21 ESTIMATED LANDING C. G. IN % M. A. C. OR IN.	329.8	
COMPUTED BY				SIGNATURE		
TOTAL WEIGHT REMOVED				K.H. Nilsson		
TOTAL WEIGHT ADDED				SIGNATURE		
NET DIFFERENCE (Ref. 14)				PILOT		
				SIGNATURE		

NOTE.—THIS TRANSPORT CLEARANCE FORM HAS RESULTED FROM TRIPARTITE AGREEMENT AND NO FURTHER CHANGES MAY BE MADE TO IT WITHOUT PRIOR CONSIDERATION BY TRIPARTITE AUTHORITIES.

WEIGHT AND BALANCE CLEARANCE FORM F
TRANSPORT
 (USE REVERSE FOR TACTICAL MISSIONS)

Reference Form 2370
 Form F, 115 O
 GUM 6-61 (6797)

FOR USE IN
 T. O. 1-1B-40
 AN 01-1B-40

31 Aug 79 FLIGHT NO	AIRPLANE TYPE C447C	FROM EDOP	HOME STATION EDOP
Service	SERIAL NO. 68-15993	TO EDOP	PILOT Graham

LIMITATIONS				REF	ITEM	WEIGHT	INDEX OR MOM
CONDITION	TAKEOFF	LANDING	LIMITING WING FUEL				
ALLOWABLE GROSS WEIGHT	46000	46000	-	1	BASIC AIRPLANE (From Chart C)	22380	77179
TOTAL AIRPLANE WEIGHT (Ref. 11)	30393			2	OIL (3.7 Gal.)	28	135
OPERATING WEIGHT PLUS ESTIMATED LANDING FUEL WEIGHT		25488		3	CREW (No.) 4	880	1838
OPERATING WEIGHT (Ref. 8)				4	CREW'S BAGGAGE		
ALLOWABLE LOAD (Ref. 18) or SMALLEST figure	15607	20512	-	5	STEWARD'S EQUIPMENT		
PERMISSIBLE G. TAKEOFF	FROM 305	TO (% M.A.C. or IN.) 344		6	EMERGENCY EQUIPMENT		
PERMISSIBLE G. LANDING	FROM 301	TO (% M.A.C. or IN.) 349		7	EXTRA EQUIPMENT @ STA 150	300	450
LANDING FUEL WEIGHT	1900			8	OPERATING WEIGHT	23588	79602
				9	TAKEOFF FUEL (1047 Gal.)	6805	21050
				10	WATER INJ. FLUID (- Gal.)	-	-
				11	TOTAL AIRPLANE WEIGHT	30393	100652

12 DISTRIBUTION OF ALLOWABLE LOAD (PAYLOAD)							
UPPER COMPARTMENTS				LOWER COMPARTMENTS			
PASSENGERS		CARGO	PASSENGERS		CARGO	COMPT	REMARKS
NO.	WEIGHT		NO.	WEIGHT			
A							
B							
C							
D							
E							
F							
G							
H							
I							
J							
K							
L							
M							
N							
O							
P							
FWD	BELLY						
AFT	BELLY						

REMARKS:
 CRASH RESISTANT fuel system
 Fwd. AUX 241 gal
 MAIN 567 gal
 AFT. AUX 239 gal
 TOTAL 1047 gal
 2 CE's SEATS 3+33

CORRECTIONS (Ref. 14)				13 TAKEOFF CONDITION (Uncorrected)	
COMPT	ITEM	CHANGES (+ or -)		WEIGHT	INDEX OR MOM
		WEIGHT	INDEX OR MOM		
	AUX Run-up Fuel	300	94.2	600	189.4
	MAIN Run-up Fuel	300	95.2	29793	98758
				331.4	
				4305	13541
				25488	85217
				334.3	

TOTAL WEIGHT REMOVED	-600	-189.4	COMPUTED BY RW Graham	SIGNATURE Rafael Graham
TOTAL WEIGHT ADDED	+ -	+ -	WEIGHT AND BALANCE AUTHORITY RW Graham	SIGNATURE Rafael Graham
NET DIFFERENCE (Ref. 14)	600	189.4	PILOT R.B. Davis	SIGNATURE Rafael Graham

WEIGHT AND BALANCE CLEARANCE FORM F

(USE REVERSE FOR TACTICAL MISSIONS)

Cross Reference
RAF Form 2870
RCAF Form F. 115 O
60M 5-51 (6797)

FOR USE IN
T. O. 1-1B-40
AN 01-1B-40

DATE 5 JUNE	AIRPLANE TYPE OH-47	FROM FPOB	HOME STATION 600P
MISSION/TRIP/FLIGHT/NO.	SERIAL NO. 66-15993	TO	PILOT SMITH

LIMITATIONS				REF	ITEM	WEIGHT	INDEX OR MOM/
CONDITION	TAKEOFF	LANDING	LIMITING WING FUEL				
1 ALLOWABLE GROSS WEIGHT	46000	46000		1	BASIC AIRPLANE (From Chart C)	22380	77179
TOTAL AIRPLANE WEIGHT (Ref. 11)	30393			2	OIL (Gal.)	28	135
OPERATING WEIGHT PLUS ESTIMATED LANDING FUEL WEIGHT		25488		3	CREW (No.)	880	1833
OPERATING WEIGHT (Ref. 8)				4	CREW'S BAGGAGE		
ALLOWABLE LOAD (Ref. 12) (use SMALLEST figure)	15607	20572		5	STEWARD'S EQUIPMENT		
3 PERMISSIBLE C. G. TAKEOFF	FROM 310	TO (% M.A.C. or IN.) 337		6	EMERGENCY EQUIPMENT		
4 PERMISSIBLE C. G. LANDING	FROM 322	TO (% M.A.C. or IN.) 347		7	EXTRA EQUIPMENT	300	450
5 LANDING FUEL WEIGHT	1900			8	OPERATING WEIGHT	23582	79602
				9	TAKEOFF FUEL (Gal.)	6805	21050
				10	WATER INJ. FLUID (Gal.)		
				11	TOTAL AIRPLANE WEIGHT	30393	100352

REMARKS	12 DISTRIBUTION OF ALLOWABLE LOAD (PAYLOAD)								
	UPPER COMPARTMENTS				LOWER COMPARTMENTS				
	PASSENGERS		CARGO	COMPT	PASSENGERS		CARGO		
NO.	WEIGHT	NO.			WEIGHT				
CRASH RESISTANT FUEL SYSTEM MAX 480 MIN 387 1047 GAL 2 CR'S SEATS 3433	A	3	PAX			1	240	240	370
	B					2		240	420
	C					3		240	470
	D								
	E	1	1/4 TON TRUCK @	SIA	331			2500	8275
	F								
	G								
	H								
	I								
	J								
	K								
L									
M									
N									
O									
P									
	FWD		BELLY						
	AFT		BELLY						

CORRECTIONS (Ref. 14)			13 TAKEOFF CONDITION (Uncorrected)		
COMPT	ITEM	CHANGES (+ or -)			
		WEIGHT	INDEX OR MOM/		
					32613110187
					329.8
					430513541
					2930896646
					329.7

TOTAL WEIGHT REMOVED	-	-	COMPUTED BY <i>[Signature]</i>	SIGNATURE <i>[Signature]</i>
TOTAL WEIGHT ADDED	+	+	WEIGHT AND BALANCE AUTHORITY	SIGNATURE <i>[Signature]</i>
NET DIFFERENCE (Ref. 14)			PILOT <i>[Signature]</i>	SIGNATURE <i>[Signature]</i>

NOTE.—THIS TRANSPORT CLEARANCE FORM HAS RESULTED FROM TRIPARTITE AGREEMENT AND NO FURTHER CHANGES MAY BE MADE TO IT WITHOUT PRIOR CONSIDERATION BY TRIPARTITE AUTHORITIES.

WEIGHT AND BALANCE CLEARANCE FORM F

TRANSPORT

(USE REVERSE FOR TACTICAL MISSIONS)

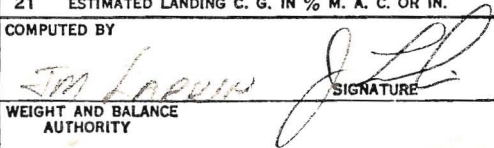
References
AF Form 2870
RCAF Form F. 115 O
80M 5-61 (6797)

FOR USE IN
T. O. 1-1B-40 &
AN 01-1B-40

DATE 5 JUNE 79	AIRPLANE TYPE CH-47C	FROM EDOP	HOME STATION LOOP
MISSION/TRIP/FLIGHT/NO. SERVICE	SERIAL NO. 68-15993	TO	PILOT HARKIN

LIMITATIONS				REF	ITEM	WEIGHT	INDEX OR MOM
CONDITION	TAKEOFF	LANDING	LIMITING WING FUEL				
1 ALLOWABLE GROSS WEIGHT	46000	46000	_____	1	BASIC AIRPLANE (From Chart C)	22380	77179
TOTAL AIRPLANE WEIGHT (Ref. 11)	30393	_____	_____	2	OIL (3.7 Gal.)	28	135
OPERATING WEIGHT PLUS ESTIMATED LANDING FUEL WEIGHT	_____	25488	_____	3	CREW (No.) 4	880	1838
OPERATING WEIGHT (Ref. 8)	_____	_____	_____	4	CREW'S BAGGAGE		
ALLOWABLE LOAD (Ref. 12) (use SMALLEST figure)	15607	20272	_____	5	STEWARD'S EQUIPMENT		
3 PERMISSIBLE C. G. TAKEOFF	FROM 313	TO (% M. A. C. or IN.) 337		6	EMERGENCY EQUIPMENT		
4 PERMISSIBLE C. G. LANDING	FROM 310	TO (% M. A. C. or IN.) 337		7	EXTRA EQUIPMENT @ SA150	300	450
				8	OPERATING WEIGHT	23588	79602
				9	TAKEOFF FUEL (1047 Gal.)	6805	21050
				10	WATER INJ. FLUID (Gal.)		
				11	TOTAL AIRPLANE WEIGHT	30393	100652

REMARKS CRASH RESISTANT FUEL SYSTEM FWD Aux 241 gal MAIN 567 " AFT Aux 239 " 1047 gal 2 CEE's seats 3133		12	DISTRIBUTION OF ALLOWABLE LOAD (PAYLOAD)						
		COMPT	UPPER COMPARTMENTS		COMPT	LOWER COMPARTMENTS			
			PASSENGERS	CARGO		PASSENGERS			CARGO
			NO. WEIGHT		NO. WEIGHT				
	A		10880	STA 250			5200	13000	
	B								
	C		TRAILER	STA 380			2842	10799	
	D								
	E								
	F								
	G								
	H								
	I								
	J								
	K								
	L								
	M								
	N								
	O								
	P								
	FWD BELLY								
	AFT BELLY								

CORRECTIONS (Ref. 14)					13 TAKEOFF CONDITION (Uncorrected)	38435124451
COMPT	ITEM	CHANGES (+ or -)			14 CORRECTIONS (If required)	-600 -1894
		WEIGHT	INDEX OR MOM		15 TAKEOFF CONDITION (Corrected)	37835122559
	Aux Run-up Fuel	300	94.2		16 TAKEOFF C. G. IN % M. A. C. OR IN.	323.9
	Main Run-up Fuel	300	95.2		17 LESS FUEL	4305 13541
					18 LESS AIR SUPPLY LOAD DROPPED	
					19 MISC. VARIABLES	
					20 ESTIMATED LANDING CONDITION	25530109015
					21 ESTIMATED LANDING C. G. IN % M. A. C. OR IN.	325.1
				COMPUTED BY		
				 SIGNATURE		
				WEIGHT AND BALANCE AUTHORITY		
				SIGNATURE		
				PILOT		
				SIGNATURE		
TOTAL WEIGHT REMOVED		-600	-1894			
TOTAL WEIGHT ADDED		+	+			
NET DIFFERENCE (Ref. 14)		600	189.4			

NOTE.—THIS TRANSPORT CLEARANCE FORM HAS RESULTED FROM TRIPARTITE AGREEMENT AND NO FURTHER CHANGES MAY BE MADE TO IT WITHOUT PRIOR CONSIDERATION BY TRIPARTITE AUTHORITIES.

WEIGHT AND BALANCE CLEARANCE FORM F

TRANSPORT
(USE REVERSE FOR TACTICAL MISSIONS)

Once
2370
Revised Form F, 115 O
60M 6-51 (6797)

**FOR USE IN
T. O. 1-1B-40
AN 01-1B-40**

DATE 16 May 79	AIRPLANE TYPE CH47C	FROM EDOP	HOME STATION EDOP
MISSION/TRIP/FLIGHT/NO. Service	SERIAL NO. 68-15993	TO EDOP	PILOT Graham

LIMITATIONS				REF	ITEM	WEIGHT	INDEX OR MOM/
CONDITION	TAKEOFF	LANDING	LIMITING WING FUEL				
ALLOWABLE GROSS WEIGHT	46000	46000	-	1	BASIC AIRPLANE (From Chart C)	22380	77179
TOTAL AIRPLANE WEIGHT (Ref. 11)	30393			2	OIL (3.7 Gal.)	28	135
OPERATING WEIGHT PLUS ESTIMATED LANDING FUEL WEIGHT		25488		3	CREW (No.) 4	800	1838
OPERATING WEIGHT (Ref. 8)				4	CREW'S BAGGAGE		
ALLOWABLE LOAD (Ref. 18) (use SMALLEST figure)	15607	20512	-	5	STEWARD'S EQUIPMENT		
PERMISSIBLE C. G. TAKEOFF	FROM 305	TO (% M.A.C. or IN.) 344		6	EMERGENCY EQUIPMENT		
PERMISSIBLE C. G. LANDING	FROM 301	TO (% M.A.C. or IN.) 349		7	EXTRA EQUIPMENT @ STA 150	300	450
				8	OPERATING WEIGHT	23588	79602
				9	TAKEOFF FUEL (1047 Gal.)	6805	21050
				10	WATER INJ. FLUID (- Gal.)	-	-
				11	TOTAL AIRPLANE WEIGHT	30393	100652

LANDING FUEL WEIGHT	1900	12 DISTRIBUTION OF ALLOWABLE LOAD (PAYLOAD)					
REMARKS CRASH RESISTANT Fuel System Fwd. AUX 24 gal MAIN 567 gal AFT. AUX 239 gal TOTAL 1047 gal 2 CE's SEATS 3+33	COMPT	UPPER COMPARTMENTS			LOWER COMPARTMENTS		
		PASSENGERS		CARGO	PASSENGERS		CARGO
		NO.	WEIGHT		NO.	WEIGHT	
TOTAL FREIGHT	0	A					
TOTAL MAIL	0	B					
COMPUTER PLATE NUMBER (If used)	N/A	C					
		D					
		E					
		F					
		G					
		H					
		I					
		J					
		K					
		L					
		M					
		N					
		O					
		P					
		FWD BELLY					
		AFT BELLY					

CORRECTIONS (Ref. 14)				13	TAKEOFF CONDITION (Uncorrected)		
COMPT	ITEM	CHANGES (+ or -)		14	CORRECTIONS (If required)	600	189.4
		WEIGHT	INDEX OR MOM/	15	TAKEOFF CONDITION (Corrected)	29793	98758
				16	TAKEOFF C. G. IN % M. A. C. OR IN.	331.4	
Aux	Run-up Fuel	300	94.2	17	LESS FUEL	4305	13541
Main	Run-up Fuel	300	95.2	18	LESS AIR SUPPLY LOAD DROPPED		
				19	MISC. VARIABLES		
				20	ESTIMATED LANDING CONDITION	25488	85217
				21	ESTIMATED LANDING C. G. IN % M. A. C. OR IN.	334.3	
TOTAL WEIGHT REMOVED				COMPUTED BY			
-600 -189.4				RW Graham SIGNATURE <i>Ralph W. Graham</i>			
TOTAL WEIGHT ADDED				WEIGHT AND BALANCE AUTHORITY			
+ - + -				RW Graham SIGNATURE <i>Ralph W. Graham</i>			
				PILOT			

NOTE--THIS TRANSPORT CLEARANCE FORM MAY BE MADE TO IT WITHOUT PRIOR CONSIDERATION BY THE AUTHORITIES.

WEIGHT AND BALANCE CLEARANCE FORM F

TRANSPORT
(USE REVERSE FOR TACTICAL MISSIONS)

Civil Reference
RAE Form 2870
FAA Form F. 116 O
50M 5-61 (6797)

FOR USE IN
T. O. 1-1B-40
AN 01 1B-40

DATE	AIRPLANE TYPE CH47C	FROM EDOP	HOME STATION EDOP
MISSION/TRIP/FLIGHT/NO. Service	SERIAL NO. 68-15993	TO EDOP	PILOT Graham

CONDITION	LIMITATIONS			REF	ITEM	WEIGHT	INDEX OR MOM/
	TAKEOFF	LANDING	LIMITING WING FUEL				
ALLOWABLE GROSS WEIGHT	46000	46000	—	1	BASIC AIRPLANE (From Chart C)	22380	77179
TOTAL AIRPLANE WEIGHT (Ref. 11)	30393			2	OIL (3.7 Gal.)	28	135
OPERATING WEIGHT PLUS ESTIMATED LANDING FUEL WEIGHT		25488		3	CREW (No.) 4	880	1838
OPERATING WEIGHT (Ref. 8)				4	CREW'S BAGGAGE		
ALLOWABLE LOAD (Ref. 12) (use SMALLEST figure)	15607	20512	—	5	STEWARDS' EQUIPMENT		
PERMISSIBLE C. G. TAKEOFF	FROM 305	TO (% M.A.C. or IN.) 344		6	EMERGENCY EQUIPMENT		
PERMISSIBLE C. G. LANDING	FROM 301	TO (% M.A.C. or IN.) 349		7	EXTRA EQUIPMENT @ STA 150	300	450
				8	OPERATING WEIGHT	23588	79602
				9	TAKEOFF FUEL (1047 Gal.)	6805	21050
				10	WATER INJ. FLUID (— Gal.)	—	—
				11	TOTAL AIRPLANE WEIGHT	30393	100652

REMARKS CRASH RESISTANT Fuel System Fuel. AUX 241 gal MAIN 567 gal AFT AUX 239 gal TOTAL 1047 gal 2 CE's SEATS 3+33	LANDING FUEL WEIGHT		12 DISTRIBUTION OF ALLOWABLE LOAD (PAYLOAD)						
	1900		UPPER COMPARTMENTS				LOWER COMPARTMENTS		
	COMPT	PASSENGERS		CARGO			COMPT	PASSENGERS	
		NO.	WEIGHT					NO.	WEIGHT
TOTAL FREIGHT	Ø		L						
TOTAL MAIL	Ø		M						
COMPUTER PLATE NUMBER (If used)	N/A		N						
1 Enter constant used. 1000 2 Enter values from current applicable T. O. N/A 3 Applicable to gross weight (Ref. 15). N/A 4 Applicable to gross weight (Ref. 18). N/A 5 Ref. 9 minus Ref. 17. 2508*	O		O						
	P		P						
	FWD BELLY		FWD BELLY						
	AFT BELLY		AFT BELLY						

CORRECTIONS (Ref. 14)				13 TAKEOFF CONDITION (Uncorrected)			
COMPT	ITEM	CHANGES (+ or -)		14 CORRECTIONS (If required)			
		WEIGHT	INDEX OR MOM/	600		189.4	
	Aux Run-up Fuel	300	94.2	29793		98758	
	Main Run-up Fuel	300	95.2	331.4			
				4305		13541	
				25488		85217	
				334.3			

TOTAL WEIGHT REMOVED	-600	-189.4		RW Graham WEIGHT AND BALANCE AUTHORITY SIGNATURE <i>Ralph W. Graham</i>
TOTAL WEIGHT ADDED	+ —	+ —		RW Graham PILOT SIGNATURE <i>Ralph W. Graham</i>
NET DIFFERENCE (Ref. 14)	600	189.4		SIGNATURE

NOTE.—THIS TRANSPORT CLEARANCE FORM HAS RESULTED FROM TRIPARTITE AGREEMENT AND NO FURTHER CHANGES MAY BE MADE TO IT WITHOUT PRIOR CONSIDERATION BY TRIPARTITE AUTHORITIES.