2016/06/15 12:59:26

2 PILOTS 1 CE

AWBS Form F

WEIGHT AND BALANCE CLEARANCE FORM F - TRANSPORT

LEMAC	0.00
MAC	0.00
Moment Simplifier	1000

DATE (YYYY/MM/DD)	2016/06/15	AIRCRAFT	UH-60A	FROM	
MISSION	TRAINING	SERIAL NO.	79-23312	TO	

HOME STATION: FORT LEONARD WOOD

PILOT:

REMARKS (A ✓ in Ref 13 indicates the item is included in "Less Expendables")

TAXI FUEL BURNOFF=12 GAL=80.4 LBS
FUEL AT START=360 GAL=2385.2 LBS

REF	ITEM		WEIGHT	MOM/1000
1	BASIC AIRCRAFT (From Chart C)		11,684.1	4,194.04
3	Crew - 2 PILOTS		400.0	90.80
4	Crew Bags		70.0	17.29
5	Steward Equip - CE		200.0	56.40
6	Emerg Equip - AMSS KIT		70.0	19.74
7				
8				
	Total Corrections		0.0	0.00
9	Operating Weight		12,424.1	4,378.27
10	Internal Fuel	(360 gal)	2,412.0	1,014.85
	External Fuel	(0 gal)	0.0	0.00
	Total Fuel	**(360 gal)**	**2,412.0**	**1,014.85**
12	Total Aircraft Weight		14,836.1	5,393.12
13	PAYLOAD			
	Total Payload		**0.0**	**0.00**
16	**Ramp Weight**		**14,836.1**	**5,393.12**
17	**Ramp CG (in)**			**363.51**
18	Taxi/Takeoff Fuel	(-12 gal)	-80.0	-33.66
	Takeoff Corrections		0.0	0.00
19	**Takeoff Weight**		**14,756.1**	**5,359.46**
20	**Takeoff CG GD (in)**			**363.20**
	Expendable Fuel at Takeoff	(-348 gal)	-2,332.0	-981.19
21	**Zero Fuel Weight**		**12,424.1**	**4,378.27**
	Zero Fuel CG GD (in)			***352.40***
22	Less Expendables		0.0	0.00
	Landing Corrections		0.0	0.00
23	Estimated Landing Fuel	(60 gal)	400.0	168.30
24	**Est. Landing Weight**		**12,824.1**	**4,546.57**
25	**Est. Landing CG GD (in)**			**354.53**

CORRECTIONS	WEIGHT	MOM/1000
Total Corrections	**0.0**	**0.00**

LIMITATIONS

CONDITION	DELTA	ACTUAL		LIMIT
Ramp Weight (ref 16)	**7,163.9**	**14,836.1**	**<**	**22,000.0**
Takeoff Weight (ref 19)	7,243.9	14,756.1	<	22,000.0
Landing Weight (ref 24)	9,175.9	12,824.1	<	22,000.0
Zero Fuel Weight (ref 21)	9,575.9	12,424.1	<	22,000.0
Load vs Max Allowable Load		0.0	<	7,163.9
Remaining Allowable Load		***7,163.9***		

CONDITION	MIN		ACTUAL		MAX
Ramp CG (Gear Down)	344.10	<	363.51	<	365.40
Takeoff CG (Gear Down)	344.00	<	363.20	<	365.40
Landing CG (Gear Down)	342.60	<	354.53	<	364.90
Zero Fuel CG (Gear Down)	342.60	<	***352.40***	<	362.70

COMPUTED BY SIGNATURE
MARK MCINTIRE

WEIGHT AND BALANCE AUTHORITY SIGNATURE
MARK MCINTIRE

PILOT SIGNATURE

CPIN: 88Z-AWBS/DD365/PCSSE-F001-00A REV 006

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PASSENGERS

AWBS Form F

WEIGHT AND BALANCE CLEARANCE FORM F - TRANSPORT

LEMAC	0.00
MAC	0.00
Moment Simplifier	1000

DATE (YYYY/MM/DD)	2016/06/15	AIRCRAFT	UH-60A	FROM	
MISSION	TRAINING	SERIAL NO.	79-23312	TO	

HOME STATION: FORT LEONARD WOOD

PILOT:

REMARKS (A ✓ in Ref 13 indicates the item is included in "Less Expendables")

TAXI FUEL BURNOFF=12 GAL=80.4 LBS
FUEL AT START=356 GAL=2385.2 LBS

REF	ITEM		WEIGHT	MOM/1000
1	BASIC AIRCRAFT (From Chart C)		11,684.1	4,194.04
3	Crew - 2 PILOTS		400.0	90.80
4	Crew Bags - FLIGHT GEAR		120.0	33.84
5	Steward Equip - 2 CE		400.0	112.80
6	Emerg Equip - AMSS KIT		70.0	19.74
7				
8	3 PASS 320.7		720.0	230.90
	4 PASS 339.8		960.0	326.21
	4 PASS 382.2		960.0	366.91
	Total Corrections		0.0	0.00
9	Operating Weight		15,314.1	5,375.25
10	Internal Fuel	(356 gal)	2,385.0	1,003.49
	External Fuel	(0 gal)	0.0	0.00
	Total Fuel	**(356 gal)**	**2,385.0**	**1,003.49**
12	Total Aircraft Weight		17,699.1	6,378.74
13	PAYLOAD			
	Total Payload		**0.0**	**0.00**
16	**Ramp Weight**		**17,699.1**	**6,378.74**
17	**Ramp CG (in)**			**360.40**
18	Taxi/Takeoff Fuel	(-12 gal)	-80.0	-33.66
	Takeoff Corrections		0.0	0.00
19	**Takeoff Weight**		**17,619.1**	**6,345.08**
20	**Takeoff CG GD (in)**			**360.12**
	Expendable Fuel at Takeoff	(-344 gal)	-2,305.0	-969.83
21	**Zero Fuel Weight**		**15,314.1**	**5,375.25**
	Zero Fuel CG GD (in)			***351.00***
22	Less Expendables		0.0	0.00
	Landing Corrections		0.0	0.00
23	Estimated Landing Fuel	(60 gal)	400.0	168.30
24	**Est. Landing Weight**		**15,714.1**	**5,543.55**
25	**Est. Landing CG GD (in)**			**352.78**

CORRECTIONS	WEIGHT	MOM/1000
Total Corrections	**0.0**	**0.00**

LIMITATIONS

CONDITION	DELTA	ACTUAL		LIMIT
Ramp Weight (ref 16)	**4,300.9**	**17,699.1**	**<**	**22,000.0**
Takeoff Weight (ref 19)	4,380.9	17,619.1	<	22,000.0
Landing Weight (ref 24)	6,285.9	15,714.1	<	22,000.0
Zero Fuel Weight (ref 21)	6,685.9	15,314.1	<	22,000.0
Load vs Max Allowable Load		0.0	<	4,300.9
Remaining Allowable Load		***4,300.9***		

CONDITION	MIN		ACTUAL		MAX
Ramp CG (Gear Down)	346.20	<	360.40	<	363.40
Takeoff CG (Gear Down)	346.20	<	360.12	<	363.40
Landing CG (Gear Down)	345.20	<	352.78	<	364.70
Zero Fuel CG (Gear Down)	344.70	<	***351.00***	<	365.00

COMPUTED BY SIGNATURE
MARK MCINTIRE

WEIGHT AND BALANCE AUTHORITY SIGNATURE
MARK MCINTIRE

PILOT SIGNATURE

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