



MASS & BALANCE

A/C Type	T.Registration	S.N.	Flight Type
AW-109 S	A6-FLK	N/A	COMMERCIAL

Masses	Kg	CG Long.	MM Long.	CG Lat.	MM Lat.	Note
Dry Mass	2177.25	3520.27	7664507.86	7.94	17278.66	
Pilot mass	90	1385	124650	335	30150	
Copilot mass	80	1385	110800	-325	-26000	
Consumable loads	10	4280	42800	0	0	
Dry operating Mass	2357.25	3369.5	7942757.86	9.09	21428.66	

Fwd seat right	45	2200	99000	450	20250	
Fwd seat central	0	2200	0	0	0	
Fwd seat left	0	2200	0	-450	0	
Aft seat right	0	3400	0	450	0	
Aft seat central	0	3400	0	0	0	
Aft seat left	0	3400	0	-450	0	
Passengers Load	45	2200	99000	450	20250	
Cabin Load	0	0	0	0	0	
Baggage Load	0	0	0	0	0	
Rescue Hoist Load	0	3190	0	953.5	0	
Floats (57,54)	0	3543	0	0	0	
Traffic Load	45	2200	99000	450	20250	

C	Zero Fuel Load Tot (A+B)	2402	3347.59	8041757.86	17.35	41678.66	
D1	Principal Fuel Tank	0	3761.00	0.00	0.00	0.00	
D	TOT Fuel Load	0	3761.00	0.00	0.00	0.00	
E	Trip and Taxi Fuel	26	3762	96382	0.000	0	
F	Remaining Fuel Load(D-E)	-26	3761	-96356.82	0.000	0.00	
G	TO Mass Tot (C+D)	2402	3347.59	8041757.86	17.35	41678.66	
H	Final MIX LDG M.& M.	2388	3345.06	7986696.82	17.46	41678.66	

Helicopter Tecnical Logbook		Standard Variant Id.	Filled up by:		Commander:	
HTL n°		Hospital Flight Type	Romagnoli		Romagnoli	
Page n°		COMMERCIAL	Signature:			
Flight n°		BASE ELISOCORSO DI:		Date	05/08/2017	

OPERATIVE FLIGHT PLAN

DEPARTURE BASE AND ENROUTE DATA		PRUA	FREQ. RADIO AIDS	SELECT AWG SPEED: 120
DEPT	PBTNA (Bateen Palace)	Degrees		INS. W.P. NAME OR ICAO CODE
	N 24° 26' 31" E 54° 21' 25"	NM		
1° LEG	SRMDA (Armed Forces Officers Club)	109°		
	N 24° 24' 13" E 54° 28' 13"	7		
2° LEG	OMAD (Al Bateen Executive Airport)	333°	APP. LAMZ 118.8 TWR 119.7 122.1 125.9 VOR LAM 112.5 ILS LAM CH 110.3 AIB 122.15 SCALEA 128.45	LICA
	N 24° 25' 42" E 54° 27' 42"	1		

INFO WAYPOINTS AND ENROUTE NOTES

AVERAGE CONS kg/min	ESTIMATE ENDURANCE (MINUTES OF FLIGHT)					FLIGHT TIME min		
	INITIAL FUEL LOAD KG		ENDURANCE h min.		Res VFR	Res VFRN	MAX	REST
3.66	0	0	0	0	20	20	-20	-24
LEG	(min)	(Kg)	(Kg)	(Kg)	(Kg)	(min)	0	0
N°	E.E.T.	Estimated necessary fuel	Estimated residual fuel	Real residual fuel	Real fuel consumption	E.T.E.	Start up time	Stop time
1	3	11	-11					
2	1	4	-15					
TOT	4	26	-15				TOTAL FLIGHT TIME	

MASS KG	DEPT	1° LEG	Warnings
ZERO FUEL LOAD	2402.25	2402.25	Exceeded limits
RESERVE+CONT. F	73.75	73.38	Limits ok
RE-FUEL		0	FUEL
RESIDUAL PAY LOAD	773	784	Residual P.L. x 3175 Kg
TAKE OFF MASS	2402	2391	TO/LDG Mass OK (3175 Kg) check FM for Cat. A TO/LDGS
LANDING MASS	2391	2388	