



MASS & BALANCE

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

Al Bateen Executive Airport P.O Box
62030 Abu Dhabi United Arab Emirates
Tel: +971 (0)2 444 8866 , Fax: +971 (0)2
444 0022

	Masses	Kg	CG Long.	MM Long.	CG Lat.	MM Lat.	Note
A	Dry Mass	2141	3483.28	7457702.48	7.9	16913.9	
	Pilot mass	82	1385	113570	335	27470	
	Copilot mass	86	1385	119110	-325	-27950	
	Consumable loads	10	4280	42800	0	0	
	Dry operating Mass	2319	3334.71	7733182.48	7.09	16433.9	

B	Fwd seat right	0	2200	0	450	0	
	Fwd seat central	60	2200	132000	0	0	
	Fwd seat left	0	2200	0	-450	0	
	Aft seat right	0	3400	0	450	0	
	Aft seat central	90	3400	306000	0	0	
	Aft seat left	0	3400	0	-450	0	
	Passengers Load	150	2920	438000	0	0	
	Cabin Load	0	0	0	0	0	
	Baggage Load	80	4880	390400	0	0	
	Rescue Hoist Load	0	3190	0	953.5	0	
	Floats (57,54)	0	3543	0	0	0	
	Traffic Load	230	3601.74	828400	0	0	

C	Zero Fuel Load Tot (A+B)	2549	3358.80	8561582.48	6.45	16433.90	
D1	Principal Fuel Tank	600	3907.00	2344200.00	0.00	0.00	
D	TOT Fuel Load	600	3907.00	2344200.00	0.00	0.00	
E	Trip and Taxi Fuel	267	3708	990703	0.000	0	
F	Remaining Fuel Load(D-E)	333	3775	1256395.50	0.000	0.00	
G	TO Mass Tot (C+D)	3149	3463.25	10905782.48	5.22	16433.90	
H	Final MIX LDG M.& M.	2893	3447.33	9972445.88	5.68	16433.90	

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	20/08/2016

OPERATIVE FLIGHT PLAN

SELECT AWG SPEED:
120

DEPARTURE BASE AND ENROUTE DATA		PRUA	FREQ. RADIO AIDS	INS. W.P. NAME OR ICAO CODE
DEPT	OMAD (Al Bateen Executive Airport)	Degrees		
	N 24° 25' 42" E 54° 27' 42"	NM		
1° LEG	OMDB (Dubai International Airport)	44°		
	N 25° 15' 10" E 55° 21' 10"	70		
2° LEG	OMAD (Al Bateen Executive Airport)	225°		
	N 24° 25' 42" E 54° 27' 42"	70		

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	600	2	43	24	27	140	70	
LEG	(min)	(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	35	128	472					
2	35	128	344					
TOT	70	267	344			TOTAL FLIGHT TIME		

MASS KG	DEPT	1° LEG	Warnings
ZERO FUEL LOAD	2549	2549	Exceeded limits
RESERVE+CONT. F	79.61	79.61	Limits ok
RE-FUEL		0	FUEL
RESIDUAL PAY LOAD	26	154	Residual P.L. x 3175 Kg
TAKE OFF MASS	3149	3021	TO/LDG Mass OK (3175 Kg) check FM for Cat. A TO/LDGS
LANDING MASS	3021	2893	