



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
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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	86	1385	119110	335	28810	
	Copilot mass	0	1385	0	-325	0	
	Consumable loads	10	4280	42800	0	0	
	Dry operating Mass	2237	3406.17	7619612.48	20.44	45723.9	
B	Fwd seat right	0	2200	0	450	0	
	Fwd seat central	86	2200	189200	0	0	
	Fwd seat left	0	2200	0	-450	0	
	Aft seat right	0	3400	0	450	0	
	Aft seat central	86	3400	292400	0	0	
	Aft seat left	0	3400	0	-450	0	
	Passengers Load	172	2800	481600	0	0	
	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	172	2800	481600	0	0		
C	Zero Fuel Load Tot (A+B)	2409	3362.89	8101212.48	18.98	45723.90	
D1	Principal Fuel Tank	625	3915.00	2446875.00	0.00	0.00	
D	TOT Fuel Load	625	3915.00	2446875.00	0.00	0.00	
E	Trip and Taxi Fuel	476	3861	1837064	0.000	0	
F	Remaining Fuel Load(D-E)	149	3597	536672.40	0.000	0.00	
G	TO Mass Tot (C+D)	3034	3476.63	10548087.48	15.07	45723.90	
H	Final MIX LDG M.& M.	2569	3362.12	8637884.88	17.80	45723.90	

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
INS. W.P. NAME OR ICAO CODE

DEPARTURE BASE AND ENROUTE DATA		PRUA	FREQ. RADIO AIDS
DEPT	Terni N 42° 33' 58" E 12° 38' 58"	Degrees NM	
1° LEG	COSENZA N 39° 18' 25" E 16° 15' 49"	139° 255	

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	625	2	50	26	33	144	17	
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	127	465	160					
TOT	127	476	160			TOTAL FLIGHT TIME		

MASS KG	DEPT	Warnings
ZERO FUEL LOAD	2409	Exceeded limits
RESERVE+CONT. F	96.44	Limits ok
RE-FUEL		FUEL
RESIDUAL PAY LOAD	141	Residual P.L. x 3175 Kg
TAKE OFF MASS	3034	TO/LDG Mass OK (3175 Kg) check FM for Cat. A
LANDING MASS	2569	TO/LDGS