



### MASS & BALANCE

A/C Type	T.Registration	S.N.	Flight Type
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AW-109 S	I-PNTD	22140	EMS
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Al Bateen Executive Airport P.O Box 62030  
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(0)2 444 8866 , Fax: +971 (0)2 444 0022

	Masses	Kg	CG Long.	MM Long.	CG Lat.	MM Lat.	Note
A	Dry Mass	2181.4	3479	7589090.6	2	4362.8	
	Pilot mass	82	1385	113570	335	27470	
	Copilot mass	86	1385	119110	-325	-27950	
	Consumable loads	10	4280	42800	0	0	
	<b>Dry operating Mass</b>	<b>2359.4</b>	<b>3333.29</b>	<b>7864570.6</b>	<b>1.65</b>	<b>3882.8</b>	
B	Spinning seat (DOCTOR)	0	2210	0	304.8	0	
	Right fixed seat (ASSISTANT)	0	3492	0	450	0	
	Central fixed seat	0	3492	0	0	0	
	Stretcher section	0	2869	0	-450	0	
	<b>Passengers Load</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
	Cabin load	32	2690.75	86104	-281.25	-9000	
	Baggage Load	47.5	5767	273932.5	0	0	
	Rescue Hoist Load	0	3190	0	953.5	0	
	Floats (57,54)	0	3543	0	0	0	
	<b>Traffic Load</b>	<b>79.5</b>	<b>4528.76</b>	<b>360036.5</b>	<b>-113.21</b>	<b>-9000</b>	
C	<b>Zero Fuel Load Tot (A+B)</b>	<b>2439</b>	<b>3372.26</b>	<b>8224607.10</b>	<b>-2.10</b>	<b>-5117.20</b>	
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	0	3761	0	0.000	0	
F	Remaining Fuel Load(D-E)	0	3761	0.00	0.000	0.00	
G	TO Mass Tot (C+D)	2439	3372.26	8224607.10	-2.10	-5117.20	
H	Final MIX LDG M.& M.	2439	3372.26	8224607.10	-2.10	-5117.20	
Helicopter Tecnical Logbook		Standard Variant Id.		Filled up by:		Commander:	
HTL n°		Hospital Flight Type		Romagnoli		Romagnoli	
Page n°		EMS		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
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#### 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
3.6	0		0		0	0	0	0
LEG	(min)	(Kg)	(Kg)	(Kg)	(Kg)	(min)		
N°	E.E.T.	Estimated necessary fuel	Estimated residual fuel	Real residual fuel	Real fuel consumption	E.T.E.	Start up time	Stop time
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>				<b>TOTAL FLIGHT TIME</b>	

<b>MASS KG</b>	Warnings
<b>ZERO FUEL LOAD</b>	Exceeded limits
<b>RESERVE+CONT. F</b>	Limits ok
<b>RE-FUEL</b>	FUEL
<b>LOAD (patient)</b>	Fill in flight
<b>RESIDUAL PAY LOAD</b>	Residual P.L. x 3175 Kg
<b>TAKE OFF MASS</b>	TO/LDG Mass OK (3175 Kg) check FM for Cat. A
<b>LANDING MASS</b>	TO/LDGS