



MASS & BALANCE

A/C Type	T.Registration	S.N.	Flight Type
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ELITALIANA S.p.A. Via Salaria 2061 - 00138 - ROMA

AW-109 S	I-PNTD	22140	EMS
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	Masses	Kg	CG Long.	MM Long.	CG Lat.	MM Lat.	Note
A	Dry Mass	2203	3458	7617974	15.72	34631.16	
	Pilot mass	56	1385	77560	335	18760	
	Copilot mass	0	1385	0	-325	0	
	Consumable loads	10	4280	42800	0	0	
	Dry operating Mass	2269	3410.46	7738334	23.53	53391.16	
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	
	Passengers Load	0	0	0	0	0	
	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	
	Traffic Load	79.5	4528.76	360036.5	-113.21	-9000	
C	Zero Fuel Load Tot (A+B)	2348.50	3448.32	8098370.50	18.90	44391.16	
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	0	
F	Remaining Fuel Load(D-E)	0.00	3761	0.00	0	0.00	
G	TO Mass Tot (C+D)	2348.50	3448.32	8098370.50	18.90	44391.16	
H	Final MIX LDG M. & M.	2348.50	3448.32	8098370.50	18.90	44391.16	
Helicopter Technical Logbook		Standard Variant Id.		Filled up by:		Commander:	
HTL n°		Hospital Flight Type					
Page n°		EMS		Signature:			
Flight n°		BASE ELISOCORSO DI:		Date	20/11/2014		

OPERATIVE FLIGHT PLAN

SELECT AWG SPEED: 90

DEPARTURE BASE AND ENROUTE DATA	PRUA	FREQ. RADIO AIDS	INS. W.P. NAME OR ICAO CODE								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DEPT</td> <td>Cassino</td> <td>Degrees</td> <td></td> </tr> <tr> <td></td> <td>N 41° 29' 38" E 13° 49' 44"</td> <td>NM</td> <td></td> </tr> </table>	DEPT	Cassino	Degrees			N 41° 29' 38" E 13° 49' 44"	NM				
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	N 41° 29' 38" E 13° 49' 44"	NM									

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
3.335	0	0	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
TOT	0	0	0	0	0	0	TOTAL FLIGHT TIME	

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