



MASS & BALANCE

A/C Type	T.Registration	S.N.	Flight Type
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ELITALIANA S.p.A.Via Salaria 2061 - 00138 - ROMA	EC-135	I-PNTC	810	EMS
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	Masses	Kg	CG Long.	MM Long.	CG Lat.	MM Lat.	Note
A	Dry Mass	2035.7	4501.86	9164435.9	1	2035.7	
	Pilot mass	80	2428	194240	0.39	31.2	
	Copilot mass	0	2428	0	-0.39	0	
	Dry operating Mass	2115.7	4423.44	9358675.9	0.98	2066.9	
B	Copilot seat (if pax)	80	2428	194240	-0.39	-31.2	
	Spinning seat	80	3465	277200	0.35	28	
	Right post seat	0	4192	0	0.35	0	
	Central aft seat	80	3391	271280	-0.35	-28	
	Stretcher section	120	4281	513720	-0.35	-42	
	Passengers Load	360	3490.11	1256440	-0.2	-73.2	
	Cabin load D/5 N/10	83	4390.36	364400	0	0	
	Bag. Comp. Load D/5 N/10	0	0	0	0	0	
	Principal Hook (10,7)	0	4200	0	0	0	
	Auxiliary Hook (3,6)	0	4200	0	0	0	
	Hoist (55,87)	0	3678	0	-0.86	0	
	Floats (57,54)	0	0	0	0	0	
	Traffic Load	443	3658.78	1620840	-0.17	-73.2	
	C	Zero Fuel Load Tot (A+B)	2558.70	4291.05	10979515.90	0.78	1993.70
D1	Principal Fuel Tank	132	3906.00	515592.00	0.00	0.00	
D2	Aux Fuel Tank	90	5026.00	452340.00	0.00	0.00	
D	TOT Fuel Load	222.00	4360.05	967932.00	0.00	0.00	
E	Trip and Taxi Fuel	473.7675	4070.00	1928233.73	0	0	
F	Remaining Fuel Load(D-E)	-51.77	4940	-255743.80	0	0.00	
G	TO Mass Tot (C+D)	2780.70	4296.56	11947447.90	0.72	1993.70	
H	Final MIX LDG M.&M.	2412.35	4356.30	10508911.80	0.83	1993.70	
Helicopter Tecnical Logbook		Standard Variant Id.		Filled up by:		Commander:	
HTL n°		Hospital Flight Type		Melillo		Melillo	
Page n°		EMS		Signature:			
Flight n°		BASE ELISOCCORSO DI:		Date	22/11/2014		

OPERATIVE FLIGHT PLAN

SELECT AWG SPEED: 130

DEPARTURE BASE AND ENROUTE DATA	PRUA	FREQ. RADIO AIDS	INS. W.P. NAME OR ICAO CODE
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DEPT	LIRV	Degrees	TWR 127.15 315.75 257.8 NDB 480 FM 46.5 BOL VOR 114.4 C/O118 126.500	LIRV
	N 42° 25' 49" E 12° 3' 51"	NM		
1° LEG	Napoli	133°	PIAZZOLA OSPEDALE SOLO DIURNA. ATTENZIONE ESTATE ASFALDO MORBIDO. DIR.034-145 CAVI ELETTRICI SU RIATTACCATA	ROGLIANO
	N 40° 51' 14" E 14° 15' 2"	136		
2° LEG	LIRV	315°		
	N 42° 25' 49" E 12° 3' 51"	136		
3° LEG	LIRA	148°		
	N 41° 47' 58" E 12° 35' 50"	45		

INFO WAYPOINTS AND ENROUTE NOTES

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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
3.05	222.00		1	13	27.35	34.70	0	0
LEG	(min)	(Kg)	(Kg)	(Kg)	(Kg)	(min)	48.01	-35.99
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	63	192.15	29.85	0	0	0	00:00:00	00:00:00
2	63	192.15	37.70	0	0	0	00:00:00	00:00:00
3	21	64.05	-26.35	0	0	0	00:00:00	00:00:00
TOT	147	473.7675	-26.35	0	0	0	TOTAL FLIGHT TIME	

MASS KG	1° LEG	2° LEG	3° LEG	Warnings	
ZERO FUEL LOAD	2558.7	2558.7	2558.7	Exceeded limits	
RESERVE+CONT. F	70.61	70.61	64.20	Limits ok	
RE-FUEL			200	0	FUEL
LOAD (patient)	120	0	0	Fill in flight	
RESIDUAL PAY LOAD	129.3	241.45	433.6	Residual P.L. x 2910 Kg	
TAKE OFF MASS	2780.70	2668.55	2476.4	TO/LDG Mass OK (2910 Kg) check FM for Cat. A TO/LDGS	
LANDING MASS	2588.55	2476.4	2412.35		