



MASS & BALANCE

A/C Type	T.Registration	S.N.	Flight Type
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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

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	9164436.4	1	2035.7	
	Pilot mass	0	2428	0	0.39	0	
	Copilot mass	0	2428	0	-0.39	0	
	Dry operating Mass	2035.7	4501.86	9164436.4	1	2035.7	

B	Copilot seat (if pax)	0	2428	0	-0.39	0	
	Spinning seat	0	3465	0	0.35	0	
	Right post seat	0	4192	0	0.35	0	
	Central aft seat	0	3391	0	-0.35	0	
	Stretcher section	0	4281	0	-0.35	0	
	Passengers Load	0	0	0	0	0	
	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	83	4390.36	364400	0	0	

C	Zero Fuel Load Tot (A+B)	2119	4497.49	9528836.40	0.96	2035.70	
D1	Principal Fuel Tank	450	4053.00	1823850.00	0.00	0.00	
D2	Aux Fuel Tank	0	4940.00	0.00	0.00	0.00	
D	TOT Fuel Load	450	4053.00	1823850.00	0.00	0.00	
E	Trip and Taxi Fuel	299	3917.00	1170791	0.000	0	
F	Remaining Fuel Load(D-E)	151	4581.28	692231.90	0.00	0.00	
G	TO Mass Tot (C+D)	2569	4419.62	11352686.40	0.79	2035.70	
H	Final MIX LDG M. & M.	2279	4485.07	10221243.15	0.89	2035.70	

Helicopter Technical 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	16/08/2016	

OPERATIVE FLIGHT PLAN

SELECT AWG SPEED: 130

DEPARTURE BASE AND ENROUTE DATA		PRUA	FREQ. RADIO AIDS	INS. W.P. NAME OR ICAO CODE
DEPT	OMAD (Al Bateen Executive Airport)	Degrees	Airport	OMAD (Al Bateen Executive Airport)
	N 24° 25' 42" E 54° 27' 42"	NM		
1° LEG	OMBY (Sir Bani Yas Island)	265°	Airport	OMDW (Maktoum Int / Dubai World Central Airport)
	N 24° 16' 56" E 52° 34' 56"	103		
2° LEG	IISHA (Ish Island)	84°		
	N 24° 18' 18" E 52° 52' 18"	16		
3° LEG	OMAD (Al Bateen Executive Airport)	85°		
	N 24° 25' 42" E 54° 27' 42"	87		

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
3.05	450.00	2	27	25	30	123	28
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
1	48	146	304				
2	7	21	282				
3	40	122	160				
TOT	95	299	160			TOTAL FLIGHT TIME	

MASS KG	DEPT	1° LEG	2° LEG	Warnings
ZERO FUEL LOAD	2118.7	2118.7	2118.7	Exceeded limits
RESERVE+CONT. F	68.32	62.07	67.10	Limits ok
RE-FUEL		0	0	FUEL
LOAD (patient)	0	0	0	Fill in flight
RESIDUAL PAY LOAD	341	488	509	Residual P.L. x 2910 Kg
TAKE OFF MASS	2569	2422	2401	TO/LDG Mass OK (2910 Kg) check FM for Cat. A TO/LDGS
LANDING MASS	2422	2401	2279	