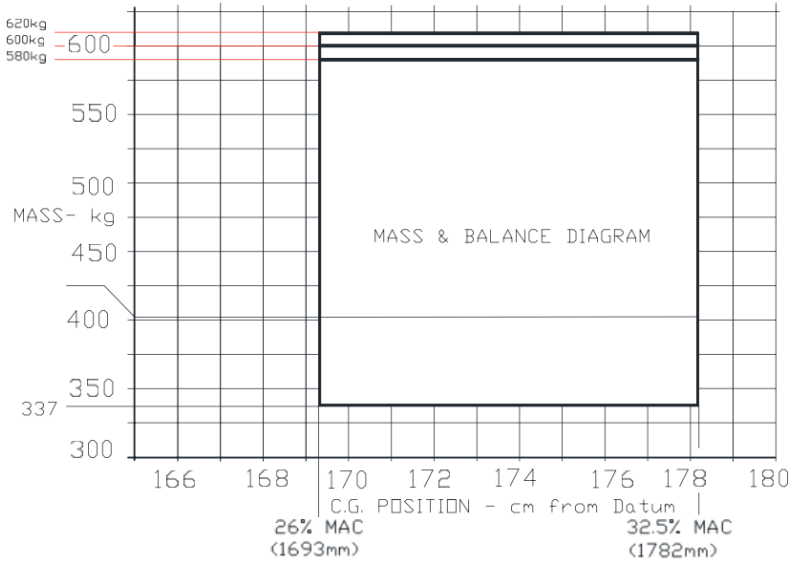
P2002 JF VFR NAVIGATION FLIGHT LOG

W V	3000	/
	6000	/
	MD	.

TL	FL
0°	FT

	W [kg]	Arm [m]	Moment (M) = W * Arm [kg*m]
Empty weight	396		679.93
LOADING			
Pilot		1.8	
Co-pilot		1.8	
Baggage		2.26	
Usable fuel Fuel (liters)*ρ_{fuel} (0.72) [kg]		1.53	
TAKE-OFF CONDITION			
Take-off condition $W_{TO} = \sum W$		$M_{TO} = \sum M$	
LANDING CONDITION			
Fuel required Fuel (liters)*ρ_{fuel} (0.72) [kg]		1.53	
Landing condition $W_L = W_{TO} - W_{fuel\_req}$		$M_L = M_{TO} - M_{fuel\_req}$	



DATE		CALLSIGN		REGISTRATION		CAPTAIN	

ATC CLEARANCE	NOTES

HDG	FROM-TO	TIME	ETA	Rev ETA	ATA	MSA	PLAN ALT	FUEL LEG	FUEL REQ	FUEL ACTUAL
DIVERSION										

TIME	POSITION	OBSERVATION	REV HDG	REV ETA

SUNSET	IN CCT BY	LAND BY	BRAKES OFF	BRAKES ON	TOTAL TIME
			TAKE-OFF	LANDING	FLIGHT TIME

PERFORMANCE

	Take-Off	Landing
Aircraft Mass KG		
Aerodrome Pressure QNH		
Aerodrome Temperature °C		
Aerodrome Elevation FT		
Aerodrome Pressure Altitude FT		
TODR Meters / LDR Meters		
Factor Increase for surface and slope (1.15 Wet) (1.05 per 1% slope up/down)		
EASA OPS Factors	1.25	1.43
Factored Distance Required		
TORA Meters / LDA Meters		

FUEL PLAN

	Fuel Required Litres
A – Startup, Taxi and Checks (Out & In)	**4 L**
B – Take-off and Climb (25 l/hr)	
C – To Overhead Destination (17 l/hr)	
D – Approaches at Destination (16 l/hr)	
E – To Overhead Alternate (17 l/hr)	
F – 45 Minutes hold (16 l/hr)	12 L
G – Approaches at Alternate (16 l/hr)	
10% Contingency of B, C, D, E and G	
Commanders Additional	
Landing minimum 30mins/45mins (night) (16 l/hr)	**8 L / 12 L (n)**
Fuel Required	
Fuel on Board	

FREEZING LEVEL		W/V AT PLANNED ALT	

RF STATION		
DISTRESS		121.5

AIRFIELD ATIS		
AERODROME		
CODE		
TIME		
R/W		
W/V		
VIS		
CLOUD		
TEMP/DP		
QNH		
QFE		

PLANNING							
IAS	TAS	G/S	DIST	TIME	TRK(T)	HDG(T)	HDG(M)
	TOTALS						
DIV 1							
DIV 2							
	Max Drift						

RADIO NAV AIDS			
AID	FREQ	IDENT	DOC

NOTES

Time en-route in minutes

Ground Speed in Knots							
NM	60	70	80	90	100	120	130
5	5.0	4.3	3.8	3.3	3.0	2.5	2.3
10	10.0	8.6	7.5	6.7	6.0	5.0	4.6
15	15.0	12.9	11.3	10.0	9.0	7.5	6.9
20	20.0	17.1	15.0	13.3	12.0	10.0	9.2
25	25.0	21.4	18.8	16.7	15.0	12.5	11.5
30	30.0	25.7	22.5	20.0	18.0	15.0	13.8
35	35.0	30.0	26.3	29.3	21.0	17.5	16.2
40	40.0	34.3	30.0	26.7	24.0	20.0	18.5
45	45.0	38.6	33.8	30.0	27.0	22.5	20.8
50	50.0	42.9	37.5	33.3	30.0	25.0	23.1

% of Max Drift

HWC/TWC