



RADIO AIDS	BEL	117.20	-...
	IOM	112.20
	TRN	117.50	-
	HB	420
	OY	332	---

RADIO FREQUENCIES	Newtownards Radio	128.305
	Enniskillen Radio	123.205
	Belfast Approach	130.850
	Belfast Tower	122.830
	Belfast City ATIS	124.580

Eglinton Approach	123.625
Eglinton ATIS	119.380
Aldergrove Approach	133.125
Aldergrove Tower	118.300
Aldergrove ATIS	126.130

CRUISE CHECKS	F	Fuel
	R	Radio
	E	Engine
	D	Direction
	A	Altitude

POSITION REPORT	Callsign
	Position & Time
	Altitude
	Next Waypoint
Next Estimate	

PILOT IN COMMAND	CALLSIGN / REGISTRATION	DATE	START TIME	TAKEOFF TIME	LANDING TIME	SHUTDOWN TIME
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ROUTE		MSA	PLANNED ALTITUDE	TRUE TRACK	WIND	TRUE HEADING	VARIATION	MAGNETIC HEADING	AIRSPEED	GROUND SPEED	DISTANCE	TIME	ETA	ATA	REMARKS
FROM	TO														

AVIATE - NAVIGATE - COMMUNICATE EMERGENCY - SQUAWK 7700 - FREQUENCY 121.500

TOTAL: > > > TO ENROUTE FUEL > > >

DIVERSION		MSA	PLANNED ALTITUDE	TRUE TRACK	WIND	TRUE HEADING	VARIATION	MAGNETIC HEADING	AIRSPEED	GROUND SPEED	DISTANCE	TIME	ETA	ATA	REMARKS
FROM	TO														

ALTERNATE		MSA	PLANNED ALTITUDE	TRUE TRACK	WIND	TRUE HEADING	VARIATION	MAGNETIC HEADING	AIRSPEED	GROUND SPEED	DISTANCE	TIME	ETA	ATA	REMARKS
FROM	TO														

NOTES

TOTAL: > > TO ALTERNATE FUEL > >

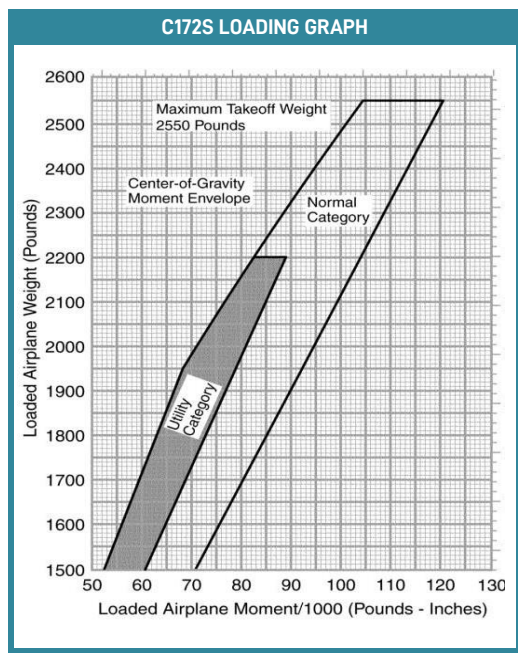
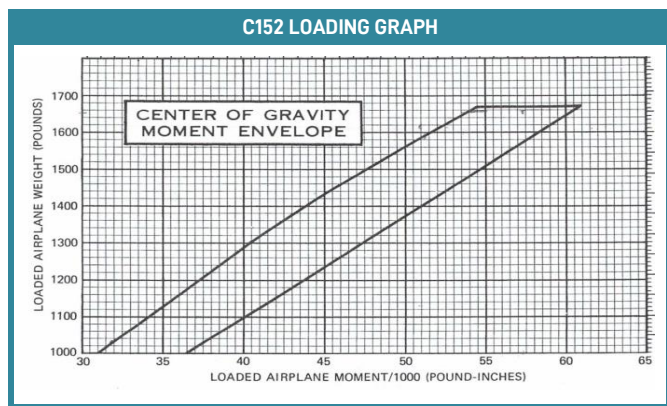
FUEL PLAN			
FUEL FLOW: (PER HOUR)		TIME	QUANTITY USG [] LTR []
TRIP	TAXI		
	+ TAKE-OFF & CLIMB		
	+ ENROUTE		
	= TOTAL TRIP (PLANNED FUEL USED ON LANDING)		
RESERVES	+ ALTERNATE		
	+ HOLDING		
TOTALS	= FUEL REQUIRED		
	FUEL ON BOARD (TIME IS ENDURANCE)		
MAX	MAXIMUM FUEL (FROM MASS & BALANCE)		

FUEL DATA	
Fuel consumption <i>(worst case estimate)</i>	
Cessna 152	6.2 usg/hr 23 l/hr
Cessna 172	9.2 usg/hr 35 l/hr
Maximum usable fuel	
Cessna 152	24.5 usg 91 l
Cessna 152 (long range)	37.5 usg 142 l
Cessna 172	53 usg 201 l
<i>UFC advisory for holding fuel is 45 minutes</i>	

UNITS
1 usg = 3.8 ltr
1 kg = 2.2 lbs
AVGAS:
1 ltr = 1.58 lbs
1 usg = 6 lbs

NOTES & CLEARANCES

MASS & BALANCE				
	MASS		ARM	MOMENT
BASIC EMPTY MASS		X	=	
+ PILOTS		X	=	
+ PASSENGERS		X	=	
+ FRONT BAGGAGE		X	=	
+ REAR BAGGAGE		X	=	
= ZERO FUEL MASS		X	=	
+ FUEL		X	=	
= TAKEOFF MASS		X	=	
- FUEL BURN (TRIP FUEL)		X	=	
= LANDING MASS		X	=	



PERFORMANCE	
TAKEOFF DISTANCE REQUIRED (1.33)	
LANDING DISTANCE REQUIRED (1.43)	

MAXIMUM TAKEOFF MASS & MAXIMUM LANDING MASS	1670 LBS	Cessna 152
	2550 LBS	Cessna 172

