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Note: No Performance Correction Factors used from published figures

		User Entered			
		From Planning Manual			
Depart			NSFA		
Destination			YSNF		
Route Distance	GNM		1449		
ZFW	TOTAL	lbs	14606		
Fuel Load		Litres	4164	= US Gallons	1100
		Fuel SG	0.78		
		lbs	7160		
Ramp Weight		lbs	21766		
Fuel Used	Start		0		
	Taxi		0		
	Takeoff		0		
<b>INITIAL SEGMENT</b>					
Distance	To Position		KILAN		
	GNM		292	To start of next Altitude Change	
Flight Fuel	Initial Climb	Start Weight	21766		
		Start Alt	0		
		Finish Alt	39000		
		Temp Variation	+10		
		Wind Component	-20		
		Time	36		
		Fuel Used	1200		
		Distance (ANM)	208		
		GNM	196		
	Cruise	Distance	96		
		Wind Component	-20	Cruise MZW Check	TOPC
		Temp Variation	+10		End Cruise
		Cruise Mach	0.72		MZW
		EMZW	20382		Error
		Fuel Flow	1612		
		TAS	417	Time Interval	51 minutes
		Time in Cruise	15	Elapsed Time	51 minutes
		Fuel in Cruise	390	Fuel Remaining at	KILAN 5412 if VFR used
<b>MID SEGMENT 1</b>					
Distance	To Position		APASI		
	GNM		209	To start of next Altitude Change	
Flight Fuel	Altitude Change	Start Weight	20018		
		Start Alt	39000		
		Finish Alt	39000		
		Temp Variation	+10		
		Wind Component	-35		
		Time	0		
		Fuel Used	0		
		Distance (ANM)	0		
		GNM	0		
	Cruise	Distance	209		
		Wind Component	-35	Cruise MZW Check	End Alt. Change
		Temp Variation	+10		End Cruise
		Cruise Mach	0.72		MZW
		EMZW	19600		Error
		Fuel Flow	1462		
		TAS	417	Time Interval	33 minutes
		Time in Cruise	33	Elapsed Time	83 minutes
		Fuel in Cruise	800	Fuel Remaining at	APASI 4532 if VFR used
<b>MID SEGMENT 2</b>					
Distance	To Position		DOLSI		
	GNM		513	To start of next Altitude Change	
Flight Fuel	Altitude Change	Start Weight	19138		
		Start Alt	39000		
		Finish Alt	39000		
		Temp Variation	+10		
		Wind Component	-75		
		Time	0		
		Fuel Used	0		

Cruise	Distance (ANM)	0			
	GNM	0			
	Distance	513			
	Wind Component	-75	Cruise MZW Check	End Alt. Change	19138
	Temp Variation	+10		End Cruise	16888
	Cruise Mach	0.72		MZW	18013
	EMZW	17978		Error	36
	Fuel Flow	1364			
	TAS	417	Time Interval		90 minutes
	Time in Cruise	90	Elapsed Time		173 minutes
Fuel in Cruise	2045	Fuel Remaining at	DOLSI	2282 if VFR used	

<b>MID SEGMENT 3</b>					
Distance	To Position				
	GNM	0	To start of next Altitude Change		
Flight Fuel	Altitude Change	Start Weight	16888		
		Start Alt	39000		
		Finish Alt	39000		
		Temp Variation	+10		
		Wind Component	-65		
		Time	0		
		Fuel Used	0		
		Distance (ANM)	0		
		GNM	0		
		Cruise	Distance	0	
Wind Component	-65		Cruise MZW Check	End Alt. Change	16888
Temp Variation	+10			End Cruise	16888
Cruise Mach	0.72			MZW	16888
EMZW	16888			Error	0
Fuel Flow	1326				
TAS	417		Time Interval		0 minutes
Time in Cruise	0		Elapsed Time		173 minutes
Fuel in Cruise	0		Fuel Remaining at	0	2282 if VFR used

<b>FINAL SEGMENT</b>					
Distance	To Position	YSNF			
	GNM	435			
Flight Fuel	Altitude Change	Start Weight	16888		
		Start Alt	39000		
		Finish Alt	39000		
		Temp Variation	+10		
		Wind Component	-65		
		Time	0		
		Fuel Used	0		
		Distance (ANM)	0		
		GNM	0		
		Cruise	Distance	358	
Wind Component	-65		Cruise MZW Check	End Alt. Change	16888
Temp Variation	+10			End Cruise	15489
Cruise Type	0.72			MZW	16189
EMZW	16104			Error	85
Fuel Flow	1251				
TAS	417				
Time in Cruise	61				
Fuel in Cruise	1272				
Descent to Destination	Start Alt		39000		
	Finish Alt	0			
	Wind Component	-30			
	Time	16			
	Fuel Used	158	Time Interval		77 minutes
	Distance (ANM)	85	Elapsed Time		250 minutes
GNM	77	Fuel Remaining at	YSNF	709 if VFR used	

Fuel Used	Approach	0
	Landing	0

**ARRIVAL FUEL 709**

NOTES  
 EMZW checks use average TAS 380 & 23 lb per minute  
 $TAS = 38.975 \times \text{Mach Number} \times \text{Square Root of Absolute Temperature (Where Absolute Temperature } ^\circ K = SAT \text{ } ^\circ C + 273.15)$