AIRCRAFT PERFORMANCE DATA OPTIONS

For an **Option 1** aircraft performance entry, Aviotex inserts precise information based on the contents of your flight or operations manual from the manufacturer. The manufacturers information that the customer sends in is placed on a waiting list for insertion by Aviotex technicians. There is a minumum of 3 working days to insert. As of October 21, 1986, data may be on the waiting list for 4 to 6 weeks depending on the backlog. **There may be a charge for this option.** Please complete the attached sheet headed "Option 1" and send it to Aviotex to the attention of the Flight Planning Dept.

Customers requesting this option must provide a complete xerox copy of the following information:

(a) Time, Fuel, and Distance to Climb
(b) TAS and Fuel Flow in each Cruise method
(c) Time, Fuel, and Distance to Descend
(d) Weight vs Fuel Flow for Holding

For an **Option 2** aircraft performance entry, Aviotex inserts general information based on average speeds and fuel flows as supplied by the client. The general information is placed on a waiting list for insertion by Aviotex technicians at no cost to the subscriber. There is a minimum of 1 working day to insert. Data may be on the waiting list for at least 1 week. Please see the attached sheets headed "Option 2" for the information requested.

NOTE: PLEASE REFER TO THE ATTACHED SHEET REGARDING AIRCRAFT CURRENTLY AVAILABLE ON THE TABS SYSTEM BEFORE SENDING IN YOUR AIRCRAFT DATA. IF YOUR AIRCRAFT **IS NOT ON** THE ATTACHED SHEET, PLEASE SEND IN THE INFORMATION ON YOUR AIRCRAFT ACCORDING TO THE ABOVE SPECIFICATION. IF YOUR AIRCRAFT **IS ON** THE ATTACHED SHEET, PLEASE USE THE AIRCRAFT AS SPECIFIED IN THE "TYPE" COLUMN AND SEND IN YOUR TAIL NUMBER ALONG WITH YOUR AIRCRAFT WEIGHTS TO THE FLIGHT PLANNING DEPT AT AVIOTEX. FOR FURTHER INFORMATION CALL A FLIGHT PLANNING TECHNICIAN AT (714) 557-9210.

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OPTION 1

AIRCRAFT PERFORMANCE DATA

AIRCRAFT TYPE:_____ AIRCRAFT ENGINE(S):_____

AIRCRAFT TAIL NO:_____ MAX ALTITUDE:_____ AVG CRUISE TAS:____

MAX LANDING WT:_____ MAX TAKE-OFF WT:_____ ZERO FUEL WT:_____

MAX FUEL CAPACITY:_____ OPERATIONAL EMPTY WT:_____

A/C ATC CODE/NAV EQUIP (e.g. LR55/R for a Lear 55 /Romeo equipped):_____

YOU MUST MAKE A LEGIBLE COPY OF ALL A/C PERFORMANCE TABLES. THESE ARE TIME, FUEL, & DISTANCE TO CLIMB, TAS & FUEL FLOW IN CRUISE, TIME, FUEL, & DISTANCE TO DESCEND, GROSS WT vs. FUEL FLOW FOR HOLD. (See attached sample for examples).

NOTE: 1. IF INFORMATION IS NOT COMPLETE ON YOUR AIRCRAFT, ENTRY WILL BE DELAYED.

2. THERE MAY BE A CHARGE FOR THIS OPTION.

OPTION 2

AIRCRAFT PERFORMANCE DATA

01) A/C DESCRIPTION (TYPE/MODEL/TAIL NO.) _____

02) A/C ENGINE(S) (TYPE/MODEL NO.) _____

03) A/C ATC EQUIPMENT IDENTIFIER (e.g. /R for /Romeo equipped) _____

04) MAX T/O WT (LBS) _____

05) MAX LANDING WT (LBS) _____

06) MAX ZERO FUEL WT (LBS) - if applicable (Item 07 + Payload) _____

07) OPERATIONAL EMPTY WEIGHT (LBS) (Pilot + Basic Empty Weight of Aircraft) _____

08) MAX SERVICE CEILING _____

09) MAX USEABLE FUEL (LBS OR GALS) *1 (please include fuel grade) _____

10) CLIMB	TO 5000 FT	TO MAX CERTIFIED ALT
TAS (KNOTS)		
RATE OF CLIMB (FT/MIN)		
TIME (MINUTES)		
FUEL BURNED (LBS OR GALS) *1		
DISTANCE TO CLIMB (NM)		

11) CRUISE *2	HIGHEST WT	LOWEST WT
1) TAS (K)		
FUEL FLOW (LBS/HR or GALS/HR) *1		
2) TAS (K)		
FUEL FLOW (LBS/HR or GALS/HR) *1		

*1 - State lbs. or U.S. gals. for flight plan output.

*2 - If more than one (1) cruise speed desired, then an entry must be made for each one.

OPTION 2

AIRCRAFT PERFORMANCE DATA

11) DESCENT	MAX ALT	5000 FT
TAS (KNOTS)		
DESCENT RATE (FT/MIN)		
TIME (MINUTES)		
FUEL BURNED (LBS OR GALS) *1		
DISTANCE IN DESCENT		

12) HOLDING

1) HIGHEST GROSS WT	
FUEL FLOW (LBS/HR or GALS/HR) *1	
2) LOWEST GROSS WT	
FUEL FLOW (LBS/HR or GALS/HR) *1	

CLIENT REMARKS

CLIENT ACKNOWLEDGMENT

I understand that flight plans generated through the use of the above "average" data will not have the same precision as plans generated from manufacturer's data that has been entered in the computer; but agree that such "average" plans sufficiently meet my needs at this time.

SIGNED: _____

DATE: _____

CLIENT NUMBER: _____

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TABS

AIRCRAFT TYPES AVAILABLE

Model	Type
Beechcraft:	
Bonanza V35B	BE35V
Bonanza A36	BE36A
Baron A56TC	BE56TC
King Air F90	BE9F
Super King Air 300	BE30
Super King Air 200	BE20B
Beech B-100	B100
Beech A-100	A100
Beech Sierra	BE24
Duke B-60	BE60
Boeing:	
737-200 (JT8D-9A)	7379A
737-200 (JT8D-15)	73715
737-200 (JT8D-17)	73717
737-300	737300
727-100	727100
767-200	767200
707-300	707300
747-300	7477A
747-200 (JT9D-7Q)	7477Q
747-200 (JT9D-3A)	7473A
Cessna:	
Citation III	CIT3
Golden Eagle	C421
Chancellor	C414
Cutlass	C172RG
Cardinal	C177
Skylane	C182R
Turbo Centurion	T210R
210	C210
340A	C340A
310R	C310R
Crusader	C303
Dassault:	
Falcon 10	DA10
Falcon 20	DA20
Falcon 50	DA50
Falcon 200	FFJ

Model	Type
Gates Learjet:	
Lear 24B	LR24
Lear 24D	LR24D
Lear 24F	LR24F
Lear 25	LR25
Lear 25A	LR25A
Lear 35A	LR35A
Lear 36	LR36
Lear 55	LR55
Gulfstream:	
Gulfstream II	G2
Gulfstream III	G3
Commander 690B	690B
Commander 1000	AC69
Commander 840	690C
Lockheed:	
Jetstar	L329
McDonnell Douglas:	
DC852	DC852
DC6B	DC6B
DC10-30	DC1030
Mooney:	
Chaparral	M20E
231 (1978 Model)	M20K
231 (1985 Model)	M20K2
Piper:	
Warrior II	WAR2
Arrow IV Turbo	TARW4
Cheyenne II	PAYE
Cheyenne IIXL	PAYEXL
Cheyenne III	PA42
Turbo Aztec	TPAZT
Aerostar	PA60
Sabreliner:	
Sabreliner 60SC	N265