

DATE: ___ / ___ / ___
PILOT: _____

TAKEOFF DATA CARD - SINGLE ENGINE

AIRCRAFT: _____
LESSON: _____

(1) WEATHER COMPUTER
 WEATHER RADAR SURFACE ANALYSIS METAR
 WINDS ALOFT SATELLITE IMAGES TAF
 WX DESCRIPTION 12 HOUR FORECAST

(2) WEATHER BRIEFING 1-800-992-7433 DKK 366-7664

(3) WEATHER GO / NO GO DECISION GO NO-GO

(4) FUEL CALCULATIONS

FUEL BURN	GPH	TAKEOFF TIME
FUEL ON BOARD	HRS	SWITCH TANK TIME
FUEL RESERVES	1 HRS	SWITCH TANK TIME
FUEL AVAILABLE	HRS	DESIRED LANDING TIME

(5) FLIGHT PLAN

TYPE: _____ IMPORTANT NOTES: _____ KTS

AIRCRAFT ID: _____ STALL (LANDING) V_{SO}

AIRCRAFT EQUIP: _____ STALL (CRUISE) V_{S1}

TAS: _____ MAX FLAPS SPEED V_{FE}

DEPARTURE POINT: _____ BEST ANGLE CLIMB V_x

DEPARTURE TIME: _____ BEST RATE CLIMB V_y

CRUISE ALTITUDE: _____ MANEUVERING SPEED V_A

ROUTE OF FLIGHT: _____ MAX CRUISE SPEED V_{NO}

DESTINATION: _____ DO NOT EXCEED SP V_{NE}

ETE: _____ MAX GEAR DN SP V_{LE}

ALTERNATE AIRPORT: _____ MAX GEAR OP SP V_{LO}

ON BOARD: _____ ENROUTE CLIMB SP:

AIRCRAFT COLOR: _____ SLOW FLIGHT:

DESTINATION CONTACT: _____ STEEP TURNS:

(6) WEIGHT & BALANCE

EMPTY WEIGHT	WGT	ARM	MOMENT
PILOT & PASSENGER			
REAR PASSENGER			
BAGGAGE 1			
BAGGAGE 2			
SUBTOTAL: (ZERO FUEL WEIGHT)			
FUEL (Pounds)			
TOTAL TAKEOFF WEIGHT:			

(7) PERFORMANCE

WINDS (BEARING / SPEED): _____

VISIBILITY: _____

CLOUDS / CEILING: _____

TEMPERATURE / DEWPOINT: _____

ALTIMETER: _____

PRESSURE ALTITUDE: _____

DENSITY ALTITUDE: _____

ACTIVE RUNWAY / LENGTH: _____

HEADWIND COMPONENT: _____

CROSS WIND COMPONENT: _____

TAKEOFF DISTANCE (GROUND ROLL): _____

TAKEOFF DISTANCE (50' OBSTACLE): _____

RUNWAY LENGTH: _____

MARGIN: _____

LANDING DISTANCE (GROUND ROLL): _____

LANDING DISTANCE (50' OBSTACLE): _____

RUNWAY LENGTH: _____

MARGIN: _____

MINIMUM ALLOWABLE RUNWAY LENGTH: _____

MARGIN: _____

DATE: / / PILOT: ALTITUDE: AIRCRAFT: **VFR NAVIGATION LOG** FROM: TO: DISTANCE: FUEL GP/H TAS: KTS ETE: BEG FUEL: GALS

ROUTE CHECK POINT	NAV AID FREQ/ID	REC COM FREQ/ID	LEG ALT	HEADING			DEV	CH	DISTANCE KNOTS	GROUND SPEED KTS		TIME MINUTES		FUEL BURN GALLONS								
				TC	WCA RT ⁺ LT ⁻	TH				VAR WEST ⁺	MH	LEG	REM		EST	ACT	EST	ACT	LEG	REM		
AIRPORTS																						
DEPARTURE				ARRIVAL				ALTERNATE														
IDENTIFIER		IDENTIFIER		IDENTIFIER																		
RUNWAY (A)		RUNWAY (A)		RUNWAY (A)																		
RUNWAY (B)		RUNWAY (B)		RUNWAY (B)																		
ELEVATION		ELEVATION		ELEVATION																		
ATTIS		ATTIS		ATTIS																		
GROUND		GROUND		GROUND																		
TOWER		TOWER		TOWER																		
CTAF		CTAF		CTAF																		
FSS		FSS		FSS																		
DIAGRAM		DIAGRAM		DIAGRAM																		
ADDITIONAL FOR PATTERN & LANDING																						
TOTALS																						
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