Czech SportCruiser

Thrust Flight

Name: _____ CFI: _____ Date: _____

AIRCRAFT ID -	WEIGHT	ARM	MOMENT
EMPTY WEIGHT			
PILOT/FRONT PASSENGER		27.56	
BAGGAGE AREA 1		51.58	
BAGGAGE AREA 2 WING LOCKERS		23.62	
ZERO FUEL WEIGHT			
FUEL IN POUNDS		7.09	
RAMP WEIGHT			
TAXI/RUN UP		-7.09	
RAMP/TAKEOFF WEIGHT			
FUEL BURN		-7.09	
LANDING WEIGHT			

CENTRE OF GRAVITY [% MAC]
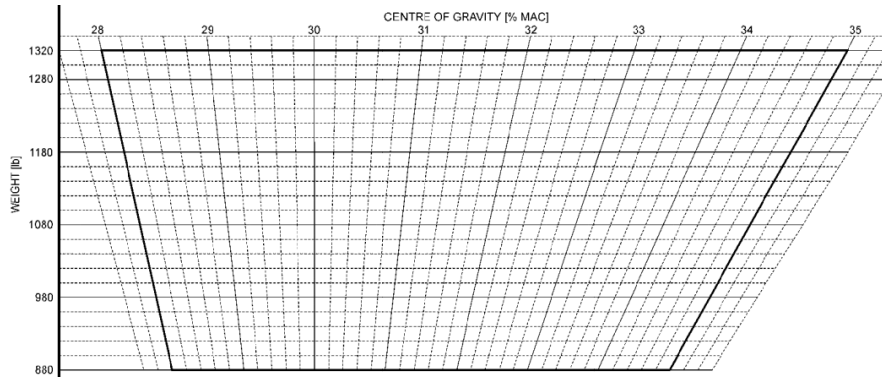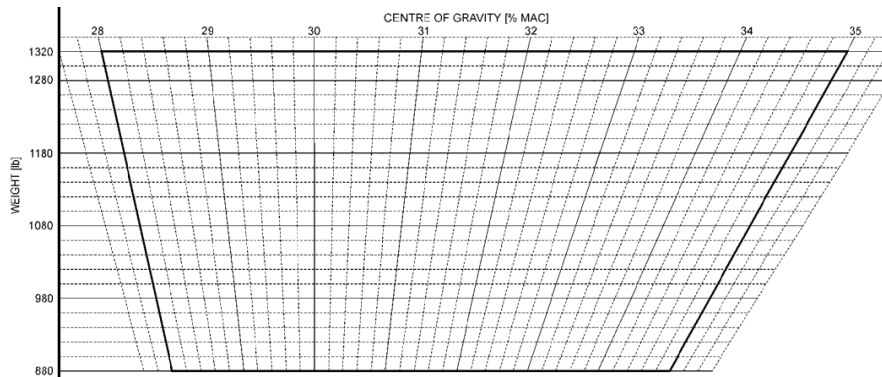
$$\frac{\text{total moment}}{\text{total weight}} \ X \ \frac{100}{59.06 \ (MAC)} = \% \text{ of MAC}$$

Max Takeoff Weight..1320
Max Landing Weight...…...1320
Acceptable % MAC Range……....................................28 – 35
Useful Load……...496

Fuel Weight...6.01lbs/gal (US)
Oil Weight................................…….............1.86lbs/qt (US)

Take Off Distance:_____ Over 50ft Obstacle:_____ Pressure Altitude: _____

Landing Distance:_____ Over 50 Obstacle: _____ Density Altitude: _____

Flight Data/ Weather

NOTAMS/ TFRs:_____
_____

Departure Weather: Information:_____ // Time: _____
Wind Direction: _____ Wind Speed: _____ Visibility: _____
Cloud Layer: _____ Temp:_____ Dew Point: _____
Altimeter: _____ Remarks: _____
_____
_____
Runway A: _____ x-wind _____ kts / headwind: _____ kts
Runway B: _____ x-wind _____ kts / headwind: _____ kts
Density Altitude: _____ft // Pressure Altitude: _____ft

Departure Performance: Take Off Weight: _____
Take Off Distance: _____ / 50': _____
Landing Distance: _____ / 50':_____ V_Y: _____
Runway A: _____ Length: _____ V_X: _____
Runway B: _____ Length: _____ V_A:_____

Initial Climb: _____fpm/_____fpnm

Arrival Weather: Information:_____ // Time: _____
Wind Direction: _____ Wind Speed: _____ Visibility: _____
Cloud Layer: _____ Temp:_____ Dew Point: _____
Altimeter: _____ Remarks: _____
_____
_____
Runway A: _____ x-wind _____ kts / headwind: _____ kts
Runway B: _____ x-wind _____ kts / headwind: _____ kts
Density Altitude: _____ft // Pressure Altitude: _____ft

Landing Performance: Landing Weight: _____
Landing Distance: _____ / 50':_____ V_{REF}:_____
Runway A: _____ Length: _____
Runway B: _____ Length: _____

Go-Around Climb (flaps): _____fpm/_____fpnm
Go-Around Climb (no flaps): _____fpm/_____fpnm

Flight Data/Weather

NOTAMS/ TFRs:_____
_____

Departure Weather: Information:_____ // Time: _____
Wind Direction: _____ Wind Speed: _____ Visibility: _____
Cloud Layer: _____ Temp:_____ Dew Point: _____
Altimeter: _____ Remarks: _____
_____
_____
Runway A: _____ x-wind _____ kts / headwind: _____ kts
Runway B: _____ x-wind _____ kts / headwind: _____ kts
Density Altitude: _____ft // Pressure Altitude: _____ft

Departure Performance: Take Off Weight: _____
Take Off Distance: _____ / 50': _____
Landing Distance: _____ / 50':_____ V_Y: _____
Runway A: _____ Length: _____ V_X: _____
Runway B: _____ Length: _____ V_A:_____

Initial Climb: _____fpm/_____fpnm

Arrival Weather: Information:_____ // Time: _____
Wind Direction: _____ Wind Speed: _____ Visibility: _____
Cloud Layer: _____ Temp:_____ Dew Point: _____
Altimeter: _____ Remarks: _____
_____
_____
Runway A: _____ x-wind _____ kts / headwind: _____ kts
Runway B: _____ x-wind _____ kts / headwind: _____ kts
Density Altitude: _____ft // Pressure Altitude: _____ft

Landing Performance: Landing Weight: _____
Landing Distance: _____ / 50':_____ V_{REF}:_____
Runway A: _____ Length: _____
Runway B: _____ Length: _____

Go-Around Climb (flaps): _____fpm/_____fpnm
Go-Around Climb (no flaps): _____fpm/_____fpnm