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Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

PILOT'S OPERATING HANDBOOK  
AND FAA APPROVED  
AIRPLANE FLIGHT MANUAL SUPPLEMENT  
FOR  
CESSNA T206H

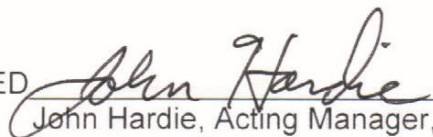
REGISTRATION NO.: N845CP

SERIAL NO.: T20609588

This Supplement must be attached to the Cessna T206H "Pilot's Operating Handbook and FAA Approved Airplane Flight Manual" when the maximum takeoff weight is increased to 3,789 lbs. in accordance with Supplemental Type Certificate **SA09860AC**.

The information contained herein supplements or supercedes the information in the basic manual only in those areas listed. For limitations, procedures, performance and loading information not contained in this supplement, consult the basic "Pilot's Operating Handbook and FAA Approved Airplane Flight Manual".

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John Hardie, Acting Manager, ASW-140  
Aircraft Certification Office  
Federal Aviation Administration  
Fort Worth, Texas 76177

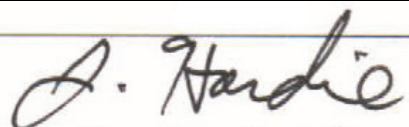
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LOG OF REVISIONS

| Revision Number | Change Description                                   | Pages Affected | FAA Approval and Date                                                                                                                                                                                                                                                                                                                        |
|-----------------|------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IR              | Initial Release                                      | All            | <br>6-13-2016                                                                                                                                                                                                                                              |
| 1               | Revised Noise Characteristics to add ICAO statement. | 11 of 36       | <p>APPROVED BY <br/> for Stephen Gielisch, Lead ODA Administrator<br/> Textron Aviation Inc.<br/> Organization Delegation Authorization ODA-100129-CE<br/> FAA Approved Under 14 CFR Part 183 Subpart D</p> <p>DATE OF APPROVAL <u>04 August 2017</u></p> |

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## INTRODUCTION

### PERFORMANCE SPECIFICATIONS

#### \*SPEED

|                                       |           |
|---------------------------------------|-----------|
| Maximum at 17,000 Feet.....           | 176 KNOTS |
| Cruise, 75% Power at 20,000 Feet..... | 161 KNOTS |
| Cruise, 75% Power at 10,000 Feet..... | 148 KNOTS |

CRUISE – Recommended lean mixture with fuel allowance for engine start, taxi, Takeoff, climb and 45 minute reserve.

|                               |                  |
|-------------------------------|------------------|
| 75% Power at 20,000 Feet..... | Range – 546 NM   |
| 87 Gallons Usable Fuel.....   | Time – 3.6 HOURS |
| 75% Power at 10,000 Feet..... | Range – 527 NM   |
| 87 Gallons Usable Fuel.....   | Time – 3.6 HOURS |
| Max Range at 20,000 Feet..... | Range – 608 NM   |
| 87 Gallons Usable Fuel.....   | Time – 4.9 HOURS |
| Max Range at 10,000 Feet..... | Range – 676 NM   |
| 87 Gallons Usable Fuel.....   | Time – 6.3 HOURS |

RATE OF CLIMB AT SEA LEVEL..... 960 FPM

SERVICE CEILING..... 26,000 FEET

#### TAKEOFF PERFORMANCE:

|                                           |           |
|-------------------------------------------|-----------|
| Ground Roll.....                          | 1060 FEET |
| Total Distance Over 50 Foot Obstacle..... | 1970 FEET |

#### STALL SPEED (KCAS):

|                             |         |
|-----------------------------|---------|
| Flaps UP, Power Idle.....   | 69 KCAS |
| Flaps FULL, Power Idle..... | 58 KCAS |

#### MAXIMUM WEIGHT:

|              |             |
|--------------|-------------|
| Ramp.....    | 3806 POUNDS |
| Takeoff..... | 3789 POUNDS |
| Landing..... | 3600 POUNDS |

MAXIMUM USEFUL LOAD..... 1492 POUNDS

WING LOADING..... 21.8 lbs/sq.ft

POWER LOADING..... 12.2 lbs/HP

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### **NOTE**

\*Speed performance and range are shown for an airplane equipped with the standard wheel and brake fairings. These fairings increase the speeds approximately 3 knots over an airplane without the fairings. Heavy duty wheels, tires and brakes are available and when installed with the appropriate wheel and brake fairings, result in no significant change in performance.

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## **SECTION 1 GENERAL**

### **DESCRIPTIVE DATA**

#### **MAXIMUM CERTIFICATED WEIGHTS**

Ramp Weight.....3806 POUNDS  
Takeoff Weight.....3789 POUNDS  
Landing Weight.....3600 POUNDS

Maximum Weight in Baggage Compartment:

Baggage Area – Station 109 to 145.....180 POUNDS

#### **NOTE**

Refer to section 6 of the Basic POH/AFM for loading arrangements with one or more seats removed for cargo accommodations.

#### **SPECIFIC LOADINGS**

Wing Loading.....21.8 lbs./sq. ft.  
Power Loading.....12.2 lbs./hp

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## SECTION 2 OPERATING LIMITATIONS

### AIRSPEED LIMITATIONS

Airspeed limitations and their operational significance are shown in Figure 2-1.

| AIRSPEED LIMITATIONS |                                   |      |      |                                                                |
|----------------------|-----------------------------------|------|------|----------------------------------------------------------------|
| SYMBOL               | SPEED                             | KCAS | KIAS | REMARKS                                                        |
| $V_A$                | Maneuvering Speed:<br>3789 POUNDS | 123  | 125  | Do not make full or abrupt control movements above this speed. |

Figure 2-1

### AIRSPEED INDICATOR MARKINGS

Airspeed indicator markings and their color code significance are shown in Figure 2-2.

| AIRSPEED INDICATOR MARKINGS |                     |                                                                                                                                                           |
|-----------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| MARKING                     | KIAS VALUE OR RANGE | SIGNIFICANCE                                                                                                                                              |
| <b>Red Arc*</b>             | 20 - 53             | Low airspeed warning.                                                                                                                                     |
| <b>White Arc</b>            | 53 - 100            | Full Flap Operating Range. Lower limit is maximum weight $V_{SO}$ in landing configuration. Upper limit is maximum speed permissible with flaps extended. |
| <b>Green Arc</b>            | 65 - 149            | Normal Operating Range. Lower limit is maximum weight $V_S$ at most forward C.G with flaps retracted. Upper limit is maximum structural cruising speed.   |
| <b>Yellow Arc</b>           | 149 - 182           | Operations must be conducted with caution and only in smooth air.                                                                                         |
| <b>Red Line</b>             | 182                 | Maximum speed for all operations.                                                                                                                         |

\*G1000 airspeed indicator only

Figure 2-2

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## WEIGHT LIMITS

Maximum Ramp Weight.....3806 POUNDS  
Maximum Takeoff Weight.....3789 POUNDS  
Maximum Landing Weight.....3600 POUNDS

Maximum Weight in Baggage Compartment:

Baggage Area – Station 109 to 145..... 180 POUNDS

## NOTE

Refer to section 6 for loading arrangements with one or more seats removed for cargo accommodations.

## CENTER OF GRAVITY LIMITS

### CENTER OF GRAVITY RANGE:

Forward: 33.0 inches aft of datum at 2500 pounds or less,  
with straight line variation to 44.1 inches aft of  
datum at 3789 pounds.

Aft: 49.7 inches aft of datum at all weights.

Reference Datum: Front face of lower firewall

## FLIGHT LOAD FACTOR LIMITS

Flight Load Factors (Maximum Takeoff Weight – 3789 POUNDS):

Flaps UP.....+3.8g, -1.52g  
Flaps FULL.....+2.0g

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## SECTION 3 EMERGENCY PROCEDURES

### AIRSPEEDS FOR EMERGENCY OPERATIONS

#### MANEUVERING SPEED

3789 POUNDS.....125 KIAS

#### MAXIMUM GLIDE

3789 POUNDS .....82 KIAS

#### EMERGENCY DESCENT

Rough Air:

3789 POUNDS .....125 KIAS

### EMERGENCY PROCEDURES

#### ENGINE FAILURES

##### ENGINE FAILURE DURING FLIGHT (Restart Procedures)

1. Airspeed - 82 KIAS (best glide speed)

#### EMERGENCY DESCENT

##### ROUGH AIR

6. Weights and Airspeeds:

3789 POUNDS - 125 KIAS

### AMPLIFIED EMERGENCY PROCEDURES

#### ENGINE FAILURE

##### MAXIMUM GLIDE

| Best Glide Speed |      |
|------------------|------|
| Weight           | KIAS |
| 3789 Pounds      | 82   |

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## SECTION 4 NORMAL PROCEDURES

### AIRSPEEDS FOR NORMAL OPERATION

The following speeds are based on a **maximum weight of 3789 pounds**. Consult the basic POH/AFM for speeds at lesser weights.

**Serials T20608450 thru T20608681 and T20608683 thru T20608704 not incorporating MK206-34-10; T20608682 and T20608705 thru T20608882 not incorporating SB09-34-11**

Short Field Takeoff, Flaps 20°, Speed at 50 Feet . . . . .76 KIAS

**Serials T20608450 thru T20608681 and T20608683 thru T20608704 incorporating MK206-34-10; Serials T20608682 and T20608705 thru T20608882 incorporating SB09-34-11 and Serials T20608883 and On**

Short Field Takeoff, Flaps 20°, Speed at 50 Feet . . . . .71 KIAS

### ENROUTE CLIMB, FLAPS UP

Normal, Sea Level. . . . .95 KIAS

Best Rate of Climb, Sea Level to 17,000 Feet . . . . .88 KIAS

Best Rate of Climb, 24,000 Feet . . . . .80 KIAS

Best Angle of Climb, Sea Level. . . . .70 KIAS

Best Angle of Climb, 10,000 Feet . . . . .73 KIAS

### MAXIMUM RECOMMENDED TURBULENT AIR PENETRATION SPEED

3789 POUNDS . . . . .125 KIAS

## NORMAL PROCEDURES

### TAKEOFF

#### NORMAL TAKEOFF

5. Elevator Control - LIFT NOSEWHEEL (at 56 KIAS)

#### SHORT FIELD TAKEOFF

**Serials T20608450 thru T20608681 and T20608683 thru T20608704 not incorporating MK206-34-10; T20608682 and T20608705 thru T20608882 not incorporating SB09-34-11**

8. Climb Airspeed - 76 KIAS (until all obstacles are cleared)

**Serials T20608450 thru T20608681 and T20608683 thru T20608704 incorporating MK206-34-10;**

**Serials T20608682 and T20608705 thru T20608882 incorporating SB09-34-11 and Serials T20608883 and On**

8. Climb Airspeed - 71 KIAS (until all obstacles are cleared)

#### MAXIMUM PERFORMANCE CLIMB

1. Airspeed - 88 KIAS

## AMPLIFIED NORMAL PROCEDURES

### WING FLAP SETTINGS

**Serials T20608450 thru T20608681 and T20608683 thru T20608704 not incorporating MK206-34-10; T20608682 and T20608705 thru T20608882 not incorporating SB09-34-11**

Short field takeoffs are performed with wing flaps set at 20° and an obstacle clearance speed of 76 KIAS

**Serials T20608450 thru T20608681 and T20608683 thru T20608704 incorporating MK206-34-10; Serials T20608682 and T20608705 thru T20608882 incorporating SB09-34-11 and Serials T20608883 and On**

Short field takeoffs are performed with wing flaps set at 20° and an obstacle clearance speed of 71 KIAS

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## ENROUTE CLIMB

If it is necessary to climb more rapidly to clear mountains or reach favorable winds at higher altitudes, the best rate of climb speed should be used with MCP. This speed is 88 KIAS from seal level to 17,000 feet, decreasing to 80 KIAS at 24,000 feet.

If an obstruction dictates the use of a steep climb angle, the best angle of climb speed is 70 KIAS at sea-level, increasing to 73 KIAS at 10,000 feet. This type of climb should be of the minimum duration and engine temperatures should be carefully monitored due to the low climb speed.

## NOISE CHARACTERISTICS

The **certificated takeoff noise level** for the Cessna Model T206H **at 3789 pounds** maximum weight is **82.6 dB(A)** per 14 CFR 36 Appendix G (through Amendment 36-30) and ICAO Annex 16 chapter 10 (through Amendment 11-B).

This noise level was established at a maximum weight of 3789 pounds with wing flaps set at 20 degrees for Takeoff and flaps Up for climb at a speed of 88 KIAS and takeoff power. No determination has been made by the Federal Aviation Administration that the noise levels of this airplane are or should be acceptable or unacceptable for operation at, into, or out of, any airport.

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## SECTION 5 PERFORMANCE

### STALL SPEEDS AT 3789 POUNDS

**Serials T20608450 thru T20608681 and T20608683 thru  
T20608704 not incorporating MK206-34-10;  
T20608682 and T20608705 thru T20608882 not  
incorporating SB09-34-11**

#### CONDITIONS:

Power Idle

#### MOST REARWARD CENTER OF GRAVITY

| Flap     | ANGLE OF BANK |      |      |      |      |      |      |      |
|----------|---------------|------|------|------|------|------|------|------|
| Settings | 0°            |      | 30°  |      | 45°  |      | 60°  |      |
|          | CIAS          | KCAS | CIAS | KCAS | CIAS | KCAS | CIAS | KCAS |
| UP       | 59            | 64   | 66   | 69   | 75   | 76   | 90   | 91   |
| 20°      | 58            | 58   | 63   | 62   | 71   | 69   | 84   | 82   |
| FULL     | 49            | 55   | 55   | 59   | 63   | 65   | 78   | 78   |

#### MOST FORWARD CENTER OF GRAVITY

| Flap     | ANGLE OF BANK |      |      |      |      |      |      |      |
|----------|---------------|------|------|------|------|------|------|------|
| Settings | 0°            |      | 30°  |      | 45°  |      | 60°  |      |
|          | CIAS          | KCAS | CIAS | KCAS | CIAS | KCAS | CIAS | KCAS |
| UP       | 65            | 69   | 73   | 74   | 82   | 82   | 99   | 98   |
| 20°      | 63            | 62   | 69   | 67   | 76   | 74   | 89   | 88   |
| FULL     | 53            | 58   | 60   | 62   | 68   | 69   | 82   | 82   |

#### NOTE

- Altitude loss during a stall recovery may be as much as 400 feet
- CIAS values are approximate

Figure 5-4

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## **STALL SPEEDS AT 3789 POUNDS**

**Serials T20608450 thru T20608681 and T20608683 thru T20608704  
incorporating MK206-34-10;  
Serials T20608682 and T20608705 thru T20608882 incorporating  
SB09-34-11 and **Serials T20608883 and On****

### **CONDITIONS:**

Power Idle

### **MOST REARWARD CENTER OF GRAVITY**

| Flap<br>Settings | ANGLE OF BANK |      |      |      |      |      |      |      |
|------------------|---------------|------|------|------|------|------|------|------|
|                  | 0°            |      | 30°  |      | 45°  |      | 60°  |      |
|                  | CIAS          | KCAS | CIAS | KCAS | CIAS | KCAS | CIAS | KCAS |
| UP               | 59            | 64   | 66   | 69   | 75   | 76   | 90   | 91   |
| 20°              | 51            | 58   | 56   | 62   | 65   | 69   | 81   | 82   |
| FULL             | 49            | 55   | 55   | 59   | 63   | 65   | 78   | 78   |

### **MOST FORWARD CENTER OF GRAVITY**

| Flap<br>Settings | ANGLE OF BANK |      |      |      |      |      |      |      |
|------------------|---------------|------|------|------|------|------|------|------|
|                  | 0°            |      | 30°  |      | 45°  |      | 60°  |      |
|                  | CIAS          | KCAS | CIAS | KCAS | CIAS | KCAS | CIAS | KCAS |
| UP               | 65            | 69   | 73   | 74   | 82   | 82   | 99   | 98   |
| 20°              | 56            | 62   | 63   | 67   | 71   | 74   | 89   | 88   |
| FULL             | 53            | 58   | 60   | 62   | 68   | 69   | 82   | 82   |

### **NOTE**

- Altitude loss during a stall recovery may be as much as 400 feet
- CIAS values are approximate

Figure 5-4A

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## SHORT FIELD TAKEOFF DISTANCE

### AT 3789 POUNDS

**Serials T20608450 thru T20608681 and T20608683 thru  
T20608704 not incorporating MK206-34-10;  
T20608682 and T20608705 thru T20608882 not  
incorporating SB09-34-11**

#### CONDITIONS:

Flaps 20°

2500 RPM, 39 in. hg. and mixture set at 34 GPH prior to brake release.

Cowl Flaps OPEN

Paved, Level, Dry Runway

Zero Wind

Lift Off: 65 KIAS

Speed at 50 Feet: 76 KIAS

| Pressure<br>Altitude -<br>Feet | 0°C                 |                                                    | 10°C                |                                                    | 20°C                |                                                    | 30°C                |                                                    | 40°C                |                                                    |
|--------------------------------|---------------------|----------------------------------------------------|---------------------|----------------------------------------------------|---------------------|----------------------------------------------------|---------------------|----------------------------------------------------|---------------------|----------------------------------------------------|
|                                | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst |
| Sea-<br>Level                  | 960                 | 1785                                               | 1025                | 1905                                               | 1095                | 2035                                               | 1180                | 2175                                               | 1260                | 2325                                               |
| 1000                           | 1015                | 1875                                               | 1090                | 2025                                               | 1170                | 2160                                               | 1255                | 2305                                               | 1340                | 2455                                               |
| 2000                           | 1085                | 2002                                               | 1165                | 2140                                               | 1245                | 2290                                               | 1335                | 2455                                               | 1425                | 2615                                               |
| 3000                           | 1160                | 2115                                               | 1240                | 2270                                               | 1335                | 2430                                               | 1425                | 2590                                               | 1525                | 2735                                               |
| 4000                           | 1235                | 2245                                               | 1330                | 2410                                               | 1420                | 2575                                               | 1520                | 2770                                               | 1625                | 2975                                               |
| 5000                           | 1315                | 2380                                               | 1415                | 2550                                               | 1520                | 2750                                               | 1625                | 2940                                               | 1740                | 3170                                               |
| 6000                           | 1410                | 2535                                               | 1515                | 2710                                               | 1630                | 2920                                               | 1745                | 3150                                               | 1875                | 3380                                               |
| 7000                           | 1505                | 2690                                               | 1630                | 2915                                               | 1750                | 3135                                               | 1880                | 3375                                               | 2010                | 3600                                               |
| 8000                           | 1625                | 2890                                               | 1750                | 3110                                               | 1880                | 3360                                               | 2015                | 3600                                               | 2160                | 3865                                               |

#### NOTE

- Short field technique as specified in Section 4.
- Decrease distances by 10% for each 10 knots headwind.  
For operation with tail winds up to 10 knots, increase distances by 10% for each 2.5 knots.
- For operation on dry, grass runway, increase distances by 15% of the "ground roll" figure.

Figure 5-6 (Sheet 1)

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## SHORT FIELD TAKEOFF DISTANCE

### AT 3789 POUNDS

**Serials T20608450 thru T20608681 and T20608683 thru T20608704  
incorporating MK206-34-10;**

**Serials T20608682 and T20608705 thru T20608882 incorporating  
SB09-34-11 and Serials T20608883 and On**

#### CONDITIONS:

Flaps 20°

2500 RPM, 39 in. hg. and mixture set at 34 GPH prior to brake release.

Cowl Flaps OPEN

Paved, Level, Dry Runway

Zero Wind

Lift Off: 58 KIAS

Speed at 50 Feet: 71 KIAS

| Pressure<br>Altitude -<br>Feet | 0°C                 |                                                    | 10°C                |                                                    | 20°C                |                                                    | 30°C                |                                                    | 40°C                |                                                    |
|--------------------------------|---------------------|----------------------------------------------------|---------------------|----------------------------------------------------|---------------------|----------------------------------------------------|---------------------|----------------------------------------------------|---------------------|----------------------------------------------------|
|                                | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst | Gnd<br>Roll<br>Feet | Total<br>Feet<br>To<br>Clear<br>50<br>Foot<br>Obst |
| Sea-<br>Level                  | 960                 | 1785                                               | 1025                | 1905                                               | 1095                | 2035                                               | 1180                | 2175                                               | 1260                | 2325                                               |
| 1000                           | 1015                | 1875                                               | 1090                | 2025                                               | 1170                | 2160                                               | 1255                | 2305                                               | 1340                | 2455                                               |
| 2000                           | 1085                | 2002                                               | 1165                | 2140                                               | 1245                | 2290                                               | 1335                | 2455                                               | 1425                | 2615                                               |
| 3000                           | 1160                | 2115                                               | 1240                | 2270                                               | 1335                | 2430                                               | 1425                | 2590                                               | 1525                | 2735                                               |
| 4000                           | 1235                | 2245                                               | 1330                | 2410                                               | 1420                | 2575                                               | 1520                | 2770                                               | 1625                | 2975                                               |
| 5000                           | 1315                | 2380                                               | 1415                | 2550                                               | 1520                | 2750                                               | 1625                | 2940                                               | 1740                | 3170                                               |
| 6000                           | 1410                | 2535                                               | 1515                | 2710                                               | 1630                | 2920                                               | 1745                | 3150                                               | 1875                | 3380                                               |
| 7000                           | 1505                | 2690                                               | 1630                | 2915                                               | 1750                | 3135                                               | 1880                | 3375                                               | 2010                | 3600                                               |
| 8000                           | 1625                | 2890                                               | 1750                | 3110                                               | 1880                | 3360                                               | 2015                | 3600                                               | 2160                | 3865                                               |

#### NOTE

- Short field technique as specified in Section 4.
- Decrease distances by 10% for each 10 knots headwind.  
For operation with tail winds up to 10 knots, increase distances by 10% for each 2.5 knots.
- For operation on dry, grass runway, increase distances by 15% of the "ground roll" figure.

Figure 5-6 (Sheet 2)

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## MAXIMUM RATE OF CLIMB

### CONDITIONS:

Flaps UP

2500 RPM, Manifold Pressure and Mixture set to Minimum Fuel Flows

Maximum Continuous Power Placard

Cowl Flaps OPEN

| Weight<br>Pounds | Pressure Alt<br>- Feet | Climb Speed -<br>KIAS | Rate of Climb - FPM |       |       |       |
|------------------|------------------------|-----------------------|---------------------|-------|-------|-------|
|                  |                        |                       | -20°C               | 0°C   | 20°C  | 40°C  |
| 3789             | 0                      | 88                    | 1210                | 1070  | 925   | 780   |
|                  | 2000                   | 88                    | 1140                | 1000  | 860   | 710   |
|                  | 4000                   | 88                    | 1080                | 935   | 795   | 650   |
|                  | 6000                   | 88                    | 1010                | 865   | 725   | 580   |
|                  | 8000                   | 88                    | 940                 | 800   | 660   | 520   |
|                  | 10000                  | 88                    | 880                 | 740   | 600   | 465   |
|                  | 12000                  | 88                    | 815                 | 675   | 545   | 405   |
|                  | 14000                  | 88                    | 745                 | 610   | 480   | 350   |
|                  | 16000                  | 88                    | 680                 | 550   | 430   | 305   |
|                  | 20000                  | 82                    | 435                 | 320   | 205   | ----- |
|                  | 24000                  | 80                    | 155                 | ----- | ----- | ----- |

Figure 5-7

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## TIME FUEL AND DISTANCE TO CLIMB AT 3789 LBS. MAXIMUM RATE OF CLIMB

**CONDITIONS:**

FLAPS UP

2500 RPM, Manifold Pressure and Mixture set to Minimum Fuel Flows

Maximum Continuous Power Placard

Cowl Flaps OPEN

Standard Temperature

| Pressure<br>Altitude<br>Feet | Climb<br>Speed<br>KIAS | Rate of<br>Climb<br>FPM | From Sea Level  |                      |                |
|------------------------------|------------------------|-------------------------|-----------------|----------------------|----------------|
|                              |                        |                         | Time<br>Minutes | Fuel Used<br>Gallons | Distance<br>NM |
| 0                            | 88                     | 960                     | 0               | 0                    | 0              |
| 2000                         | 88                     | 920                     | 2               | 1.2                  | 3              |
| 4000                         | 88                     | 885                     | 4               | 2.5                  | 6              |
| 6000                         | 88                     | 845                     | 7               | 3.8                  | 10             |
| 8000                         | 88                     | 805                     | 9               | 5.1                  | 14             |
| 10000                        | 88                     | 775                     | 12              | 6.6                  | 18             |
| 12000                        | 88                     | 740                     | 14              | 8.1                  | 23             |
| 14000                        | 88                     | 700                     | 17              | 9.7                  | 28             |
| 16000                        | 88                     | 660                     | 20              | 11.3                 | 33             |
| 18000                        | 83                     | 560                     | 23              | 13.0                 | 39             |
| 20000                        | 82                     | 460                     | 27              | 14.9                 | 46             |
| 22000                        | 81                     | 335                     | 32              | 17.2                 | 56             |
| 24000                        | 80                     | 190                     | 40              | 20.6                 | 71             |

### NOTE

- Add 2.6 gallons of fuel for engine start, taxi and takeoff allowance.
- Increase time, fuel and distance by 10% for each 10°C above standard temperature.
- Distances shown are based on zero wind.

Figure 5-8 (Sheet 1)

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## TIME FUEL AND DISTANCE TO CLIMB AT 3789 LBS. NORMAL CLIMB – 95 KIAS

**CONDITIONS:**

FLAPS UP

2400 RPM at 30.0 in. Hg.

20 GPH Fuel Flow

Cowl Flaps OPEN

Standard Temperature

| WEIGHT<br>POUNDS | PRESSURE<br>ALTITUDE<br>FEET | RATE OF<br>CLIMB<br>FPM | FROM SEA LEVEL     |                     |                |
|------------------|------------------------------|-------------------------|--------------------|---------------------|----------------|
|                  |                              |                         | TIME IN<br>MINUTES | FUEL<br>USED<br>GAL | DISTANCE<br>NM |
| 3789             | 0                            | 620                     | 0                  | 0                   | 0              |
|                  | 2000                         | 600                     | 3                  | 1.1                 | 5              |
|                  | 4000                         | 575                     | 7                  | 2.2                 | 11             |
|                  | 6000                         | 550                     | 10                 | 3.4                 | 17             |
|                  | 8000                         | 525                     | 14                 | 4.7                 | 23             |
|                  | 10000                        | 490                     | 18                 | 6.0                 | 30             |
|                  | 12000                        | 470                     | 22                 | 7.4                 | 38             |
|                  | 14000                        | 445                     | 26                 | 8.8                 | 46             |
|                  | 16000                        | 420                     | 31                 | 10.4                | 56             |
|                  | 18000                        | 395                     | 36                 | 12.0                | 66             |

### NOTE

- Add 2.6 gallons of fuel for engine start, taxi and takeoff allowance.
- Increase time, fuel and distance by 10% for each 8°C above standard temperature.
- Distances shown are based on zero wind.

Figure 5-8 (Sheet 2)

ISSUED:

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Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE PRESSURE ALTITUDE 2000 FEET

CONDITIONS:

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-9°C |       |       | STANDARD<br>TEMPERATURE<br>11°C |      |      | 20°C ABOVE<br>STANDARD TEMP<br>31°C |      |      |
|------|-----------------|-------------------------------------|-------|-------|---------------------------------|------|------|-------------------------------------|------|------|
|      |                 | % MCP                               | KTAS  | GPH   | % MCP                           | KTAS | GPH  | % MCP                               | KTAS | GPH  |
| 2400 | 30              | -----                               | ----- | ----- | 74                              | 138  | 18.9 | 69                                  | 136  | 17.8 |
|      | 28              | 73                                  | 135   | 18.7  | 69                              | 134  | 17.6 | 65                                  | 133  | 16.5 |
|      | 26              | 68                                  | 130   | 17.4  | 64                              | 129  | 16.4 | 60                                  | 127  | 15.4 |
|      | 24              | 63                                  | 126   | 16.1  | 59                              | 124  | 15.1 | 56                                  | 123  | 14.2 |
|      | 22              | 57                                  | 120   | 14.7  | 54                              | 118  | 13.8 | 51                                  | 116  | 13   |
|      | 20              | 52                                  | 114   | 13.3  | 49                              | 112  | 12.6 | 46                                  | 108  | 11.8 |
| 2300 | 30              | 75                                  | 136   | 19.2  | 71                              | 136  | 18.1 | 67                                  | 134  | 17.0 |
|      | 28              | 70                                  | 132   | 17.9  | 66                              | 131  | 16.8 | 62                                  | 129  | 15.8 |
|      | 26              | 64                                  | 127   | 16.4  | 61                              | 126  | 15.5 | 57                                  | 124  | 14.5 |
|      | 24              | 59                                  | 122   | 15.1  | 56                              | 121  | 14.2 | 52                                  | 118  | 13.3 |
|      | 22              | 54                                  | 116   | 13.8  | 51                              | 115  | 13.0 | 48                                  | 112  | 12.2 |
|      | 20              | 49                                  | 110   | 12.5  | 46                              | 107  | 11.8 | 43                                  | 103  | 11.1 |
| 2200 | 30              | 72                                  | 134   | 18.4  | 68                              | 133  | 17.3 | 64                                  | 131  | 16.3 |
|      | 28              | 67                                  | 130   | 17.0  | 63                              | 128  | 16.1 | 59                                  | 126  | 15.1 |
|      | 26              | 61                                  | 124   | 15.5  | 57                              | 122  | 14.6 | 54                                  | 121  | 13.7 |
|      | 24              | 55                                  | 118   | 14.1  | 52                              | 116  | 13.3 | 49                                  | 113  | 12.5 |
|      | 22              | 50                                  | 112   | 12.9  | 48                              | 110  | 12.2 | 45                                  | 107  | 11.5 |
|      | 20              | 45                                  | 104   | 11.7  | 43                              | 102  | 11.0 | 40                                  | 96   | 10.4 |
| 2100 | 30              | 69                                  | 131   | 17.6  | 65                              | 130  | 16.6 | 61                                  | 128  | 15.5 |
|      | 28              | 64                                  | 127   | 16.3  | 60                              | 125  | 15.3 | 56                                  | 123  | 14.4 |
|      | 26              | 58                                  | 121   | 14.9  | 55                              | 120  | 14.0 | 51                                  | 116  | 13.1 |
|      | 24              | 53                                  | 115   | 13.5  | 50                              | 113  | 12.7 | 47                                  | 110  | 12.0 |
|      | 22              | 48                                  | 109   | 12.3  | 45                              | 106  | 11.7 | 42                                  | 100  | 11.0 |
| 2000 | 30              | 66                                  | 129   | 16.8  | 62                              | 127  | 15.8 | 58                                  | 125  | 14.8 |
|      | 28              | 60                                  | 123   | 15.5  | 57                              | 122  | 14.6 | 53                                  | 119  | 13.7 |
|      | 26              | 56                                  | 119   | 14.2  | 52                              | 116  | 13.4 | 49                                  | 113  | 12.6 |
|      | 24              | 50                                  | 112   | 12.9  | 47                              | 109  | 12.2 | 44                                  | 105  | 11.5 |
|      | 22              | 46                                  | 106   | 11.8  | 43                              | 102  | 11.1 | 40                                  | 95   | 10.5 |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 1)

ISSUED:

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Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 4000 FEET

**CONDITIONS:**

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-13°C |       |       | STANDARD<br>TEMPERATURE<br>7°C |      |      | 20°C ABOVE<br>STANDARD TEMP<br>27°C |      |      |
|------|-----------------|--------------------------------------|-------|-------|--------------------------------|------|------|-------------------------------------|------|------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                          | KTAS | GPH  | % MCP                               | KTAS | GPH  |
| 2400 | 30              | -----                                | ----- | ----- | 75                             | 141  | 19.1 | 70                                  | 139  | 17.9 |
|      | 28              | 74                                   | 138   | 18.9  | 70                             | 137  | 17.8 | 65                                  | 135  | 16.7 |
|      | 26              | 69                                   | 133   | 17.6  | 65                             | 132  | 16.6 | 61                                  | 130  | 15.6 |
|      | 24              | 64                                   | 129   | 16.3  | 60                             | 127  | 15.4 | 56                                  | 124  | 14.4 |
|      | 22              | 58                                   | 123   | 14.9  | 55                             | 121  | 14.0 | 51                                  | 117  | 13.2 |
|      | 20              | 53                                   | 117   | 13.5  | 50                             | 115  | 12.8 | 47                                  | 111  | 12.0 |
| 2300 | 30              | 76                                   | 139   | 19.4  | 71                             | 138  | 18.3 | 67                                  | 137  | 17.1 |
|      | 28              | 71                                   | 135   | 18.0  | 66                             | 133  | 17.0 | 62                                  | 131  | 15.9 |
|      | 26              | 65                                   | 130   | 16.6  | 61                             | 128  | 15.7 | 57                                  | 126  | 14.7 |
|      | 24              | 60                                   | 125   | 15.3  | 56                             | 122  | 14.4 | 53                                  | 120  | 13.5 |
|      | 22              | 55                                   | 119   | 14.0  | 51                             | 116  | 13.2 | 48                                  | 113  | 12.4 |
|      | 20              | 49                                   | 112   | 12.7  | 47                             | 110  | 12.0 | 44                                  | 105  | 11.3 |
| 2200 | 30              | 72                                   | 136   | 18.5  | 68                             | 135  | 17.4 | 64                                  | 134  | 16.4 |
|      | 28              | 67                                   | 132   | 17.1  | 63                             | 130  | 16.1 | 59                                  | 128  | 15.1 |
|      | 26              | 61                                   | 126   | 15.7  | 58                             | 125  | 14.8 | 54                                  | 122  | 13.8 |
|      | 24              | 56                                   | 120   | 14.3  | 53                             | 119  | 13.5 | 49                                  | 114  | 12.7 |
|      | 22              | 51                                   | 114   | 13.1  | 48                             | 111  | 12.3 | 45                                  | 107  | 11.6 |
|      | 20              | 46                                   | 107   | 11.8  | 43                             | 103  | 11.2 | 41                                  | 98   | 10.6 |
| 2100 | 30              | 69                                   | 133   | 17.7  | 65                             | 132  | 16.7 | 61                                  | 130  | 15.7 |
|      | 28              | 64                                   | 129   | 16.4  | 60                             | 127  | 15.4 | 57                                  | 126  | 14.5 |
|      | 26              | 59                                   | 124   | 15.0  | 55                             | 121  | 14.2 | 52                                  | 119  | 13.3 |
|      | 24              | 53                                   | 117   | 13.6  | 50                             | 115  | 12.9 | 47                                  | 111  | 12.1 |
|      | 22              | 49                                   | 112   | 12.5  | 46                             | 108  | 11.8 | 43                                  | 103  | 11.1 |
|      |                 |                                      |       |       |                                |      |      |                                     |      |      |
| 2000 | 30              | 66                                   | 131   | 16.9  | 62                             | 129  | 16.0 | 59                                  | 128  | 15.0 |
|      | 28              | 61                                   | 126   | 15.6  | 57                             | 124  | 14.7 | 54                                  | 122  | 13.8 |
|      | 26              | 56                                   | 120   | 14.4  | 53                             | 119  | 13.5 | 50                                  | 115  | 12.7 |
|      | 24              | 51                                   | 114   | 13.0  | 48                             | 111  | 12.3 | 45                                  | 107  | 11.6 |
|      | 22              | 46                                   | 107   | 11.9  | 44                             | 105  | 11.3 | 41                                  | 98   | 10.7 |
|      |                 |                                      |       |       |                                |      |      |                                     |      |      |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 2)

ISSUED:

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Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE PRESSURE ALTITUDE 6000 FEET

CONDITIONS:

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-17°C |       |       | STANDARD<br>TEMPERATURE<br>3°C |      |      | 20°C ABOVE<br>STANDARD TEMP<br>23°C |      |      |
|------|-----------------|--------------------------------------|-------|-------|--------------------------------|------|------|-------------------------------------|------|------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                          | KTAS | GPH  | % MCP                               | KTAS | GPH  |
| 2400 | 30              | -----                                | ----- | ----- | 75                             | 144  | 19.2 | 70                                  | 142  | 18.0 |
|      | 28              | 75                                   | 141   | 19.1  | 70                             | 139  | 18.0 | 66                                  | 138  | 16.9 |
|      | 26              | 69                                   | 136   | 17.7  | 65                             | 134  | 16.7 | 61                                  | 132  | 15.6 |
|      | 24              | 64                                   | 131   | 16.5  | 61                             | 130  | 15.5 | 57                                  | 127  | 14.5 |
|      | 22              | 59                                   | 125   | 15.0  | 55                             | 123  | 14.1 | 52                                  | 120  | 13.3 |
|      | 20              | 54                                   | 120   | 13.7  | 51                             | 117  | 13.0 | 47                                  | 112  | 12.2 |
| 2300 | 30              | 76                                   | 142   | 19.5  | 72                             | 141  | 18.3 | 67                                  | 139  | 17.2 |
|      | 28              | 71                                   | 137   | 18.1  | 67                             | 136  | 17.1 | 63                                  | 134  | 16.0 |
|      | 26              | 65                                   | 132   | 16.7  | 62                             | 131  | 15.8 | 58                                  | 128  | 14.8 |
|      | 24              | 60                                   | 127   | 15.4  | 57                             | 125  | 14.5 | 53                                  | 122  | 13.6 |
|      | 22              | 55                                   | 121   | 14.1  | 52                             | 119  | 13.3 | 49                                  | 115  | 12.5 |
|      | 20              | 50                                   | 114   | 12.8  | 47                             | 111  | 12.1 | 44                                  | 105  | 11.4 |
| 2200 | 30              | 73                                   | 139   | 18.6  | 68                             | 137  | 17.5 | 64                                  | 136  | 16.4 |
|      | 28              | 67                                   | 134   | 17.2  | 63                             | 132  | 16.2 | 59                                  | 130  | 15.2 |
|      | 26              | 62                                   | 129   | 15.8  | 58                             | 127  | 14.8 | 54                                  | 123  | 13.9 |
|      | 24              | 56                                   | 122   | 14.4  | 53                             | 120  | 13.6 | 50                                  | 117  | 12.8 |
|      | 22              | 51                                   | 116   | 13.1  | 48                             | 113  | 12.4 | 45                                  | 108  | 11.7 |
|      | 20              | 46                                   | 108   | 11.9  | 44                             | 105  | 11.3 | 41                                  | 97   | 10.7 |
| 2100 | 30              | 70                                   | 136   | 17.8  | 66                             | 135  | 16.8 | 62                                  | 133  | 15.7 |
|      | 28              | 64                                   | 131   | 16.5  | 61                             | 130  | 15.5 | 57                                  | 127  | 14.5 |
|      | 26              | 59                                   | 125   | 15.1  | 56                             | 124  | 14.3 | 52                                  | 120  | 13.4 |
|      | 24              | 54                                   | 120   | 13.7  | 51                             | 117  | 13.0 | 47                                  | 112  | 12.2 |
|      | 22              | 49                                   | 113   | 12.6  | 46                             | 109  | 11.9 | 43                                  | 103  | 11.2 |
| 2000 | 30              | 67                                   | 134   | 17.1  | 63                             | 132  | 16.1 | 59                                  | 130  | 15.1 |
|      | 28              | 61                                   | 128   | 15.7  | 58                             | 127  | 14.8 | 54                                  | 123  | 13.9 |
|      | 26              | 57                                   | 123   | 14.5  | 53                             | 120  | 13.7 | 50                                  | 117  | 12.9 |
|      | 24              | 51                                   | 116   | 13.1  | 48                             | 113  | 12.4 | 45                                  | 108  | 11.6 |
|      | 22              | 47                                   | 110   | 12.0  | 44                             | 105  | 11.4 | 41                                  | 97   | 10.7 |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 3)

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Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 8000 FEET

**CONDITIONS:**

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-21°C |       |       | STANDARD<br>TEMPERATURE<br>-1°C |      |      | 20°C ABOVE<br>STANDARD TEMP<br>19°C |       |       |
|------|-----------------|--------------------------------------|-------|-------|---------------------------------|------|------|-------------------------------------|-------|-------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                           | KTAS | GPH  | % MCP                               | KTAS  | GPH   |
| 2400 | 30              | -----                                | ----- | ----- | 75                              | 146  | 19.2 | 70                                  | 144   | 18.0  |
|      | 28              | 75                                   | 143   | 19.1  | 70                              | 141  | 18.0 | 66                                  | 140   | 16.9  |
|      | 26              | 69                                   | 138   | 17.7  | 65                              | 136  | 16.7 | 61                                  | 134   | 15.6  |
|      | 24              | 65                                   | 134   | 16.5  | 61                              | 132  | 15.6 | 57                                  | 129   | 14.6  |
|      | 22              | 59                                   | 127   | 15.1  | 56                              | 126  | 14.2 | 52                                  | 122   | 13.3  |
|      | 20              | 54                                   | 121   | 13.8  | 51                              | 118  | 13.0 | 48                                  | 114   | 12.3  |
| 2300 | 30              | 76                                   | 144   | 19.5  | 72                              | 143  | 18.3 | 67                                  | 141   | 17.2  |
|      | 28              | 71                                   | 140   | 18.2  | 67                              | 138  | 17.1 | 63                                  | 136   | 16.0  |
|      | 26              | 66                                   | 135   | 16.8  | 62                              | 133  | 15.8 | 58                                  | 130   | 14.8  |
|      | 24              | 61                                   | 130   | 15.5  | 57                              | 127  | 14.6 | 54                                  | 125   | 13.7  |
|      | 22              | 55                                   | 122   | 14.1  | 52                              | 120  | 13.3 | 49                                  | 116   | 12.5  |
|      | 20              | 50                                   | 115   | 12.9  | 48                              | 113  | 12.2 | 45                                  | 108   | 11.5  |
| 2200 | 30              | 73                                   | 141   | 18.6  | 69                              | 140  | 17.5 | 64                                  | 138   | 16.4  |
|      | 28              | 67                                   | 136   | 17.2  | 63                              | 134  | 16.2 | 59                                  | 131   | 15.2  |
|      | 26              | 62                                   | 131   | 15.8  | 58                              | 128  | 14.9 | 55                                  | 126   | 14.0  |
|      | 24              | 56                                   | 124   | 14.4  | 53                              | 122  | 13.6 | 50                                  | 118   | 12.8  |
|      | 22              | 52                                   | 118   | 13.2  | 49                              | 115  | 12.5 | 46                                  | 110   | 11.8  |
|      | 20              | 47                                   | 111   | 12.1  | 44                              | 105  | 11.4 | -----                               | ----- | ----- |
| 2100 | 30              | 70                                   | 139   | 17.9  | 66                              | 137  | 16.8 | 62                                  | 135   | 15.8  |
|      | 28              | 65                                   | 134   | 16.5  | 61                              | 132  | 15.5 | 57                                  | 129   | 14.6  |
|      | 26              | 59                                   | 127   | 15.2  | 56                              | 126  | 14.3 | 53                                  | 123   | 13.4  |
|      | 24              | 54                                   | 121   | 13.8  | 51                              | 118  | 13.0 | 48                                  | 114   | 12.3  |
|      | 22              | 49                                   | 114   | 12.7  | 46                              | 110  | 12.0 | 44                                  | 105   | 11.3  |
|      |                 |                                      |       |       |                                 |      |      |                                     |       |       |
| 2000 | 30              | 67                                   | 136   | 17.1  | 63                              | 134  | 16.1 | 59                                  | 131   | 15.1  |
|      | 28              | 62                                   | 131   | 15.8  | 58                              | 128  | 14.9 | 55                                  | 126   | 14.0  |
|      | 26              | 57                                   | 125   | 14.6  | 54                              | 123  | 13.8 | 51                                  | 120   | 12.9  |
|      | 24              | 52                                   | 118   | 13.2  | 49                              | 115  | 12.5 | 46                                  | 109   | 11.7  |
|      | 22              | 47                                   | 110   | 12.1  | 44                              | 105  | 11.4 | 42                                  | 99    | 10.8  |
|      |                 |                                      |       |       |                                 |      |      |                                     |       |       |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 4)

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Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 10,000 FEET

CONDITIONS:

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-25°C |       |       | STANDARD<br>TEMPERATURE<br>-5°C |      |      | 20°C ABOVE<br>STANDARD TEMP<br>15°C |       |       |
|------|-----------------|--------------------------------------|-------|-------|---------------------------------|------|------|-------------------------------------|-------|-------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                           | KTAS | GPH  | % MCP                               | KTAS  | GPH   |
| 2400 | 30              | -----                                | ----- | ----- | 75                              | 149  | 19.2 | 70                                  | 146   | 18.0  |
|      | 28              | 75                                   | 146   | 19.2  | 71                              | 145  | 18.0 | 66                                  | 142   | 16.9  |
|      | 26              | 69                                   | 140   | 17.7  | 65                              | 138  | 16.7 | 61                                  | 136   | 15.6  |
|      | 24              | 65                                   | 136   | 16.6  | 61                              | 134  | 15.6 | 57                                  | 130   | 14.7  |
|      | 22              | 59                                   | 129   | 15.2  | 56                              | 127  | 14.3 | 52                                  | 123   | 13.4  |
|      | 20              | 54                                   | 123   | 13.9  | 51                              | 120  | 13.1 | 48                                  | 115   | 12.4  |
| 2300 | 30              | 76                                   | 146   | 19.5  | 72                              | 146  | 18.4 | 67                                  | 143   | 17.2  |
|      | 28              | 71                                   | 142   | 18.2  | 67                              | 141  | 17.1 | 63                                  | 138   | 16.1  |
|      | 26              | 66                                   | 137   | 16.8  | 62                              | 135  | 15.8 | 58                                  | 132   | 14.8  |
|      | 24              | 61                                   | 131   | 15.5  | 57                              | 129  | 14.6 | 54                                  | 126   | 13.7  |
|      | 22              | 56                                   | 125   | 14.2  | 52                              | 121  | 13.4 | 49                                  | 117   | 12.6  |
|      | 20              | 51                                   | 118   | 13.0  | 48                              | 114  | 12.3 | 45                                  | 107   | 11.6  |
| 2200 | 30              | 73                                   | 144   | 18.6  | 69                              | 143  | 17.6 | 64                                  | 140   | 16.5  |
|      | 28              | 67                                   | 138   | 17.2  | 63                              | 136  | 16.2 | 59                                  | 133   | 15.2  |
|      | 26              | 62                                   | 133   | 15.8  | 58                              | 130  | 14.9 | 55                                  | 127   | 14.0  |
|      | 24              | 57                                   | 127   | 14.5  | 53                              | 123  | 13.6 | 50                                  | 119   | 12.8  |
|      | 22              | 52                                   | 120   | 13.3  | 49                              | 116  | 12.5 | 46                                  | 110   | 11.8  |
|      | 20              | 47                                   | 111   | 12.2  | 45                              | 108  | 11.5 | -----                               | ----- | ----- |
| 2100 | 30              | 70                                   | 141   | 17.9  | 66                              | 140  | 16.9 | 62                                  | 137   | 15.8  |
|      | 28              | 65                                   | 136   | 16.6  | 61                              | 134  | 15.6 | 57                                  | 130   | 14.6  |
|      | 26              | 60                                   | 130   | 15.3  | 56                              | 127  | 14.4 | 53                                  | 124   | 13.5  |
|      | 24              | 54                                   | 123   | 13.9  | 51                              | 120  | 13.1 | 48                                  | 115   | 12.3  |
|      | 22              | 50                                   | 117   | 12.7  | 47                              | 112  | 12.0 | 44                                  | 104   | 11.3  |
|      |                 |                                      |       |       |                                 |      |      |                                     |       |       |
| 2000 | 30              | 67                                   | 138   | 17.2  | 63                              | 136  | 16.2 | 59                                  | 133   | 15.2  |
|      | 28              | 62                                   | 133   | 15.9  | 59                              | 131  | 15.0 | 55                                  | 127   | 14.1  |
|      | 26              | 58                                   | 128   | 14.7  | 54                              | 124  | 13.9 | 51                                  | 121   | 13.0  |
|      | 24              | 52                                   | 120   | 13.3  | 49                              | 116  | 12.5 | 46                                  | 110   | 11.8  |
|      | 22              | 47                                   | 111   | 12.2  | 45                              | 105  | 11.5 | -----                               | ----- | ----- |
|      |                 |                                      |       |       |                                 |      |      |                                     |       |       |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 5)

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DATE: 8/4/2017

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 12,000 FEET

CONDITIONS:

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-29°C |       |       | STANDARD<br>TEMPERATURE<br>-9°C |      |      | 20°C ABOVE<br>STANDARD TEMP<br>11°C |       |       |
|------|-----------------|--------------------------------------|-------|-------|---------------------------------|------|------|-------------------------------------|-------|-------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                           | KTAS | GPH  | % MCP                               | KTAS  | GPH   |
| 2400 | 30              | -----                                | ----- | ----- | 75                              | 151  | 19.1 | 70                                  | 149   | 17.9  |
|      | 28              | 74                                   | 147   | 19.0  | 70                              | 146  | 17.9 | 66                                  | 144   | 16.8  |
|      | 26              | 69                                   | 142   | 17.7  | 65                              | 140  | 16.6 | 61                                  | 139   | 15.6  |
|      | 24              | 65                                   | 138   | 16.5  | 61                              | 136  | 15.6 | 57                                  | 132   | 14.6  |
|      | 22              | 59                                   | 131   | 15.2  | 56                              | 129  | 14.3 | 52                                  | 123   | 13.4  |
|      | 20              | 55                                   | 125   | 14.0  | 51                              | 121  | 13.2 | 48                                  | 115   | 12.4  |
| 2300 | 30              | 76                                   | 149   | 19.5  | 72                              | 148  | 18.3 | 67                                  | 145   | 17.2  |
|      | 28              | 71                                   | 144   | 18.1  | 67                              | 143  | 17.0 | 62                                  | 139   | 16.0  |
|      | 26              | 65                                   | 138   | 16.7  | 62                              | 137  | 15.8 | 58                                  | 133   | 14.8  |
|      | 24              | 61                                   | 133   | 15.5  | 57                              | 130  | 14.6 | 53                                  | 125   | 13.7  |
|      | 22              | 56                                   | 127   | 14.2  | 52                              | 122  | 13.4 | 49                                  | 117   | 12.6  |
|      | 20              | 51                                   | 119   | 13.0  | 48                              | 115  | 12.3 | 45                                  | 106   | 11.6  |
| 2200 | 30              | 73                                   | 146   | 18.6  | 69                              | 145  | 17.5 | 64                                  | 141   | 16.4  |
|      | 28              | 67                                   | 140   | 17.1  | 63                              | 138  | 16.1 | 59                                  | 135   | 15.1  |
|      | 26              | 62                                   | 134   | 15.8  | 58                              | 132  | 14.9 | 55                                  | 129   | 14.0  |
|      | 24              | 56                                   | 127   | 14.4  | 53                              | 124  | 13.6 | 50                                  | 119   | 12.8  |
|      | 22              | 52                                   | 121   | 13.3  | 49                              | 117  | 12.5 | 46                                  | 109   | 11.8  |
|      | 20              | 47                                   | 112   | 12.2  | 45                              | 107  | 11.5 | -----                               | ----- | ----- |
| 2100 | 30              | 70                                   | 143   | 17.9  | 66                              | 142  | 16.9 | 62                                  | 139   | 15.8  |
|      | 28              | 65                                   | 138   | 16.5  | 61                              | 136  | 15.6 | 57                                  | 132   | 14.6  |
|      | 26              | 60                                   | 132   | 15.3  | 56                              | 129  | 14.4 | 53                                  | 125   | 13.5  |
|      | 24              | 54                                   | 124   | 13.9  | 51                              | 121  | 13.1 | 48                                  | 115   | 12.3  |
|      | 22              | 50                                   | 118   | 12.7  | 47                              | 112  | 12.0 | 44                                  | 102   | 11.4  |
|      |                 |                                      |       |       |                                 |      |      |                                     |       |       |
| 2000 | 30              | 67                                   | 140   | 17.2  | 63                              | 138  | 16.2 | 60                                  | 136   | 15.2  |
|      | 28              | 62                                   | 134   | 16.0  | 59                              | 133  | 15.0 | 55                                  | 129   | 14.1  |
|      | 26              | 58                                   | 130   | 14.8  | 54                              | 126  | 13.9 | 51                                  | 121   | 13.1  |
|      | 24              | 52                                   | 121   | 13.3  | 49                              | 117  | 12.6 | 46                                  | 109   | 11.9  |
|      | 22              | 48                                   | 114   | 12.2  | 45                              | 107  | 11.6 | -----                               | ----- | ----- |
|      |                 |                                      |       |       |                                 |      |      |                                     |       |       |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 6)

ISSUED:

DATE: 8/4/2017

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 14,000 FEET

CONDITIONS:

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-33°C |       |       | STANDARD<br>TEMPERATURE<br>-13°C |      |      | 20°C ABOVE<br>STANDARD TEMP<br>7°C |       |       |
|------|-----------------|--------------------------------------|-------|-------|----------------------------------|------|------|------------------------------------|-------|-------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                            | KTAS | GPH  | % MCP                              | KTAS  | GPH   |
| 2400 | 30              | -----                                | ----- | ----- | 75                               | 154  | 19.1 | 70                                 | 151   | 17.9  |
|      | 28              | 74                                   | 149   | 18.9  | 70                               | 148  | 17.8 | 65                                 | 145   | 16.7  |
|      | 26              | 69                                   | 144   | 17.6  | 65                               | 143  | 16.6 | 61                                 | 139   | 15.6  |
|      | 24              | 64                                   | 139   | 16.5  | 61                               | 137  | 15.5 | 57                                 | 133   | 14.5  |
|      | 22              | 59                                   | 133   | 15.2  | 56                               | 130  | 14.3 | 52                                 | 124   | 13.4  |
|      | 20              | 55                                   | 127   | 14.0  | 52                               | 123  | 13.2 | 48                                 | 114   | 12.4  |
| 2300 | 30              | 76                                   | 151   | 19.4  | 72                               | 150  | 18.3 | 67                                 | 147   | 17.2  |
|      | 28              | 70                                   | 145   | 18.0  | 66                               | 144  | 17.0 | 62                                 | 141   | 15.9  |
|      | 26              | 65                                   | 140   | 16.7  | 62                               | 139  | 15.7 | 58                                 | 135   | 14.8  |
|      | 24              | 60                                   | 134   | 15.4  | 57                               | 132  | 14.5 | 53                                 | 126   | 13.6  |
|      | 22              | 56                                   | 128   | 14.2  | 52                               | 123  | 13.4 | 49                                 | 117   | 12.6  |
|      | 20              | 51                                   | 120   | 13.0  | 48                               | 115  | 12.3 | -----                              | ----- | ----- |
| 2200 | 30              | 73                                   | 148   | 18.6  | 68                               | 146  | 17.5 | 64                                 | 144   | 16.4  |
|      | 28              | 67                                   | 142   | 17.1  | 63                               | 140  | 16.1 | 59                                 | 136   | 15.1  |
|      | 26              | 62                                   | 136   | 15.8  | 58                               | 133  | 14.8 | 54                                 | 128   | 13.9  |
|      | 24              | 56                                   | 128   | 14.4  | 53                               | 125  | 13.6 | 50                                 | 120   | 12.8  |
|      | 22              | 52                                   | 122   | 13.3  | 49                               | 117  | 12.5 | 46                                 | 108   | 11.8  |
|      | 20              | 47                                   | 112   | 12.1  | 44                               | 102  | 11.5 | -----                              | ----- | ----- |
| 2100 | 30              | 70                                   | 145   | 17.9  | 66                               | 144  | 16.9 | 62                                 | 141   | 15.8  |
|      | 28              | 65                                   | 140   | 16.5  | 61                               | 137  | 15.6 | 57                                 | 133   | 14.6  |
|      | 26              | 60                                   | 134   | 15.3  | 56                               | 130  | 14.4 | 53                                 | 126   | 13.5  |
|      | 24              | 54                                   | 125   | 13.9  | 51                               | 121  | 13.1 | 48                                 | 114   | 12.3  |
|      | 22              | 50                                   | 119   | 12.8  | 47                               | 112  | 12.1 | -----                              | ----- | ----- |
|      |                 |                                      |       |       |                                  |      |      |                                    |       |       |
| 2000 | 30              | 67                                   | 142   | 17.3  | 64                               | 141  | 16.3 | 60                                 | 138   | 15.3  |
|      | 28              | 63                                   | 138   | 16.0  | 59                               | 135  | 15.1 | 55                                 | 130   | 14.1  |
|      | 26              | 58                                   | 131   | 14.8  | 54                               | 127  | 13.9 | 51                                 | 122   | 13.1  |
|      | 24              | 52                                   | 122   | 13.4  | 49                               | 117  | 12.7 | 46                                 | 108   | 11.9  |
|      | 22              | 48                                   | 115   | 12.3  | 45                               | 106  | 11.6 | -----                              | ----- | ----- |
|      |                 |                                      |       |       |                                  |      |      |                                    |       |       |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 7)

ISSUED:

DATE: 8/4/2017

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 16,000 FEET

**CONDITIONS:**

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-37°C |       |       | STANDARD<br>TEMPERATURE<br>-17°C |       |       | 20°C ABOVE<br>STANDARD TEMP<br>3°C |       |       |
|------|-----------------|--------------------------------------|-------|-------|----------------------------------|-------|-------|------------------------------------|-------|-------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                            | KTAS  | GPH   | % MCP                              | KTAS  | GPH   |
| 2400 | 30              | -----                                | ----- | ----- | 75                               | 156   | 19.1  | 70                                 | 153   | 17.9  |
|      | 28              | 74                                   | 152   | 18.8  | 69                               | 149   | 17.7  | 65                                 | 147   | 16.6  |
|      | 26              | 69                                   | 147   | 17.6  | 65                               | 145   | 16.6  | 61                                 | 141   | 15.5  |
|      | 24              | 64                                   | 141   | 16.4  | 60                               | 138   | 15.4  | 57                                 | 134   | 14.5  |
|      | 22              | 59                                   | 134   | 15.2  | 56                               | 131   | 14.3  | 52                                 | 124   | 13.4  |
|      | 20              | 55                                   | 128   | 14.0  | 52                               | 124   | 13.2  | 48                                 | 113   | 12.4  |
| 2300 | 30              | 76                                   | 154   | 19.4  | 71                               | 152   | 18.2  | 67                                 | 149   | 17.1  |
|      | 28              | 70                                   | 148   | 17.9  | 66                               | 146   | 16.9  | 62                                 | 143   | 15.8  |
|      | 26              | 65                                   | 142   | 16.6  | 61                               | 139   | 15.7  | 58                                 | 136   | 14.7  |
|      | 24              | 60                                   | 136   | 15.4  | 57                               | 133   | 14.5  | 53                                 | 127   | 13.6  |
|      | 22              | 56                                   | 130   | 14.2  | 52                               | 124   | 13.4  | 49                                 | 116   | 12.6  |
|      | 20              | 51                                   | 121   | 13.0  | 48                               | 114   | 12.3  | -----                              | ----- | ----- |
| 2200 | 30              | 72                                   | 150   | 18.5  | 68                               | 148   | 17.4  | 64                                 | 145   | 16.4  |
|      | 28              | 66                                   | 143   | 17.0  | 63                               | 142   | 16.0  | 59                                 | 138   | 15.0  |
|      | 26              | 61                                   | 137   | 15.7  | 58                               | 135   | 14.8  | 54                                 | 129   | 13.9  |
|      | 24              | 56                                   | 130   | 14.4  | 53                               | 126   | 13.5  | 50                                 | 119   | 12.7  |
|      | 22              | 52                                   | 123   | 13.3  | 49                               | 117   | 12.5  | -----                              | ----- | ----- |
|      | 20              | 47                                   | 112   | 12.1  | -----                            | ----- | ----- | -----                              | ----- | ----- |
| 2100 | 30              | 70                                   | 148   | 17.9  | 66                               | 146   | 16.9  | 62                                 | 143   | 15.8  |
|      | 28              | 64                                   | 141   | 16.5  | 61                               | 139   | 15.5  | 57                                 | 134   | 14.6  |
|      | 26              | 60                                   | 136   | 15.3  | 56                               | 131   | 14.4  | 53                                 | 127   | 13.5  |
|      | 24              | 54                                   | 127   | 13.9  | 51                               | 122   | 13.1  | 48                                 | 113   | 12.3  |
|      | 22              | 50                                   | 119   | 12.8  | 47                               | 111   | 12.1  | -----                              | ----- | ----- |
| 2000 | 30              | 68                                   | 146   | 17.3  | 64                               | 143   | 16.3  | 60                                 | 140   | 15.3  |
|      | 28              | 63                                   | 140   | 16.0  | 59                               | 136   | 15.1  | 55                                 | 131   | 14.1  |
|      | 26              | 58                                   | 133   | 14.8  | 55                               | 130   | 14.0  | 51                                 | 122   | 13.1  |
|      | 24              | 53                                   | 125   | 13.5  | 50                               | 120   | 12.7  | -----                              | ----- | ----- |
|      | 22              | 48                                   | 115   | 12.3  | -----                            | ----- | ----- | -----                              | ----- | ----- |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 8)

ISSUED:

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Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 18,000 FEET

CONDITIONS:

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-41°C |       |       | STANDARD<br>TEMPERATURE<br>-21°C |       |       | 20°C ABOVE<br>STANDARD TEMP<br>-1°C |       |       |
|------|-----------------|--------------------------------------|-------|-------|----------------------------------|-------|-------|-------------------------------------|-------|-------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                            | KTAS  | GPH   | % MCP                               | KTAS  | GPH   |
| 2400 | 30              | -----                                | ----- | ----- | 74                               | 158   | 19.0  | 70                                  | 156   | 17.8  |
|      | 28              | 73                                   | 153   | 18.7  | 69                               | 152   | 17.6  | 65                                  | 149   | 16.5  |
|      | 26              | 68                                   | 148   | 17.5  | 65                               | 147   | 16.5  | 61                                  | 143   | 15.5  |
|      | 24              | 63                                   | 141   | 16.2  | 60                               | 139   | 15.3  | 56                                  | 134   | 14.3  |
|      | 22              | 59                                   | 136   | 15.1  | 56                               | 133   | 14.2  | 52                                  | 124   | 13.4  |
|      | 20              | 55                                   | 129   | 14.0  | 51                               | 124   | 13.2  | -----                               | ----- | ----- |
| 2300 | 30              | 75                                   | 155   | 19.3  | 71                               | 154   | 18.2  | 67                                  | 152   | 17.0  |
|      | 28              | 70                                   | 150   | 17.8  | 65                               | 147   | 16.7  | 61                                  | 143   | 15.7  |
|      | 26              | 65                                   | 144   | 16.6  | 61                               | 141   | 15.6  | 57                                  | 135   | 14.7  |
|      | 24              | 60                                   | 137   | 15.3  | 56                               | 133   | 14.4  | 53                                  | 127   | 13.5  |
|      | 22              | 55                                   | 129   | 14.2  | 52                               | 124   | 13.3  | 49                                  | 114   | 12.6  |
|      | 20              | 51                                   | 122   | 13.0  | 48                               | 113   | 12.3  | -----                               | ----- | ----- |
| 2200 | 30              | 72                                   | 152   | 18.4  | 68                               | 150   | 17.3  | 64                                  | 147   | 16.3  |
|      | 28              | 66                                   | 145   | 16.9  | 62                               | 142   | 15.9  | 58                                  | 137   | 14.9  |
|      | 26              | 61                                   | 139   | 15.6  | 58                               | 136   | 14.7  | 54                                  | 129   | 13.8  |
|      | 24              | 56                                   | 131   | 14.3  | 53                               | 127   | 13.5  | 49                                  | 114   | 12.7  |
|      | 22              | 52                                   | 124   | 13.2  | 49                               | 117   | 12.5  | -----                               | ----- | ----- |
|      | 20              | 47                                   | 112   | 12.0  | -----                            | ----- | ----- | -----                               | ----- | ----- |
| 2100 | 30              | 70                                   | 150   | 17.8  | 66                               | 148   | 16.8  | 62                                  | 144   | 15.8  |
|      | 28              | 64                                   | 143   | 16.4  | 61                               | 141   | 15.5  | 57                                  | 135   | 14.5  |
|      | 26              | 60                                   | 137   | 15.3  | 56                               | 133   | 14.4  | 53                                  | 127   | 13.5  |
|      | 24              | 54                                   | 128   | 13.9  | 51                               | 122   | 13.1  | -----                               | ----- | ----- |
|      | 22              | 50                                   | 120   | 12.8  | 47                               | 109   | 12.1  | -----                               | ----- | ----- |
|      |                 |                                      |       |       |                                  |       |       |                                     |       |       |
| 2000 | 30              | 68                                   | 148   | 17.3  | 64                               | 145   | 16.3  | 60                                  | 141   | 15.3  |
|      | 28              | 63                                   | 141   | 16.0  | 59                               | 138   | 15.1  | 55                                  | 131   | 14.1  |
|      | 26              | 58                                   | 134   | 14.9  | 55                               | 131   | 14.0  | 51                                  | 121   | 13.1  |
|      | 24              | 53                                   | 126   | 13.5  | 50                               | 119   | 12.7  | -----                               | ----- | ----- |
|      | 22              | 48                                   | 115   | 12.4  | -----                            | ----- | ----- | -----                               | ----- | ----- |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 9)

ISSUED:

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Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 20,000 FEET

CONDITIONS:

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-45°C |       |       | STANDARD<br>TEMPERATURE<br>-25°C |       |       | 20°C ABOVE<br>STANDARD TEMP<br>-5°C |       |       |
|------|-----------------|--------------------------------------|-------|-------|----------------------------------|-------|-------|-------------------------------------|-------|-------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                            | KTAS  | GPH   | % MCP                               | KTAS  | GPH   |
| 2400 | 30              | -----                                | ----- | ----- | 74                               | 160   | 19.0  | 70                                  | 158   | 17.8  |
|      | 28              | 73                                   | 156   | 18.6  | 68                               | 153   | 17.5  | 64                                  | 149   | 16.4  |
|      | 26              | 68                                   | 150   | 17.4  | 64                               | 147   | 16.4  | 60                                  | 143   | 15.4  |
|      | 24              | 63                                   | 143   | 16.1  | 59                               | 139   | 15.2  | 56                                  | 134   | 14.2  |
|      | 22              | 59                                   | 137   | 15.1  | 55                               | 131   | 14.2  | 52                                  | 123   | 13.3  |
|      | 20              | 54                                   | 129   | 13.9  | 51                               | 121   | 13.1  | -----                               | ----- | ----- |
| 2300 | 30              | 75                                   | 158   | 19.2  | 71                               | 156   | 18.1  | 66                                  | 152   | 17.0  |
|      | 28              | 69                                   | 151   | 17.7  | 65                               | 148   | 16.6  | 61                                  | 144   | 15.6  |
|      | 26              | 65                                   | 146   | 16.5  | 61                               | 142   | 15.6  | 57                                  | 136   | 14.6  |
|      | 24              | 59                                   | 137   | 15.2  | 56                               | 132   | 14.3  | 52                                  | 123   | 13.4  |
|      | 22              | 55                                   | 130   | 14.1  | 52                               | 124   | 13.3  | -----                               | ----- | ----- |
|      | 20              | 50                                   | 120   | 12.9  | -----                            | ----- | ----- | -----                               | ----- | ----- |
| 2200 | 30              | 72                                   | 155   | 18.3  | 67                               | 151   | 17.2  | 63                                  | 147   | 16.2  |
|      | 28              | 66                                   | 147   | 16.8  | 62                               | 144   | 15.8  | 58                                  | 138   | 14.8  |
|      | 26              | 61                                   | 140   | 15.6  | 57                               | 135   | 14.7  | 54                                  | 129   | 13.8  |
|      | 24              | 56                                   | 132   | 14.2  | 52                               | 124   | 13.4  | -----                               | ----- | ----- |
|      | 22              | 52                                   | 124   | 13.2  | 49                               | 114   | 12.5  | -----                               | ----- | ----- |
|      |                 |                                      |       |       |                                  |       |       |                                     |       |       |
| 2100 | 30              | 70                                   | 152   | 17.8  | 66                               | 150   | 16.8  | 61                                  | 144   | 15.7  |
|      | 28              | 64                                   | 145   | 16.4  | 60                               | 141   | 15.4  | 57                                  | 136   | 14.5  |
|      | 26              | 60                                   | 139   | 15.2  | 56                               | 133   | 14.4  | 53                                  | 126   | 13.5  |
|      | 24              | 54                                   | 129   | 13.9  | 51                               | 121   | 13.1  | -----                               | ----- | ----- |
|      | 22              | 50                                   | 120   | 12.8  | 47                               | ----- | 12.1  | -----                               | ----- | ----- |
|      |                 |                                      |       |       |                                  |       |       |                                     |       |       |
| 2000 | 30              | 68                                   | 150   | 17.3  | 64                               | 147   | 16.3  | 60                                  | 142   | 15.3  |
|      | 28              | 63                                   | 143   | 16.0  | 59                               | 139   | 15.1  | 55                                  | 132   | 14.1  |
|      | 26              | 58                                   | 136   | 14.9  | 55                               | 131   | 14.0  | 51                                  | 119   | 13.2  |
|      | 24              | 53                                   | 126   | 13.5  | 50                               | 118   | 12.8  | -----                               | ----- | ----- |
|      | 22              | 48                                   | 114   | 12.4  | -----                            | ----- | ----- | -----                               | ----- | ----- |
|      |                 |                                      |       |       |                                  |       |       |                                     |       |       |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 10)

ISSUED:

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Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 22,000 FEET

CONDITIONS:

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-49°C |       |       | STANDARD<br>TEMPERATURE<br>-29°C |       |       | 20°C ABOVE<br>STANDARD TEMP<br>-9°C |       |       |
|------|-----------------|--------------------------------------|-------|-------|----------------------------------|-------|-------|-------------------------------------|-------|-------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                            | KTAS  | GPH   | % MCP                               | KTAS  | GPH   |
| 2400 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                               | ----- | ----- |
|      | 28              | 72                                   | 157   | 18.5  | 68                               | 155   | 17.4  | 64                                  | 151   | 16.3  |
|      | 26              | 68                                   | 152   | 17.3  | 64                               | 149   | 16.3  | 60                                  | 143   | 15.3  |
|      | 24              | 63                                   | 145   | 16.0  | 59                               | 140   | 15.1  | 55                                  | 131   | 14.1  |
|      | 22              | 59                                   | 139   | 15.0  | 55                               | 132   | 14.1  | -----                               | ----- | ----- |
|      | 20              | 54                                   | 129   | 13.8  | 51                               | 120   | 13.0  | -----                               | ----- | ----- |
| 2300 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                               | ----- | ----- |
|      | 28              | 69                                   | 153   | 17.6  | 65                               | 150   | 16.5  | 61                                  | 145   | 15.5  |
|      | 26              | 64                                   | 147   | 16.4  | 60                               | 142   | 15.5  | 57                                  | 136   | 14.5  |
|      | 24              | 59                                   | 139   | 15.1  | 55                               | 132   | 14.2  | -----                               | ----- | ----- |
|      | 22              | 55                                   | 131   | 14.1  | 52                               | 123   | 13.2  | -----                               | ----- | ----- |
|      | 20              | 50                                   | 119   | 12.9  | -----                            | ----- | ----- | -----                               | ----- | ----- |
| 2200 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                               | ----- | ----- |
|      | 28              | 65                                   | 148   | 16.7  | 61                               | 144   | 15.7  | 55                                  | 131   | 14.7  |
|      | 26              | 61                                   | 142   | 15.5  | 57                               | 136   | 14.6  | 53                                  | 124   | 13.7  |
|      | 24              | 55                                   | 131   | 14.1  | 52                               | 123   | 13.3  | -----                               | ----- | ----- |
|      | 22              | 51                                   | 122   | 13.1  | -----                            | ----- | ----- | -----                               | ----- | ----- |
|      | 20              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                               | ----- | ----- |
| 2100 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                               | ----- | ----- |
|      | 28              | 64                                   | 147   | 16.3  | 60                               | 142   | 15.4  | 56                                  | 134   | 14.4  |
|      | 26              | 59                                   | 139   | 15.2  | 56                               | 134   | 14.3  | -----                               | ----- | ----- |
|      | 24              | 54                                   | 129   | 13.8  | 51                               | 120   | 13.0  | -----                               | ----- | ----- |
|      | 22              | 50                                   | 119   | 12.7  | -----                            | ----- | ----- | -----                               | ----- | ----- |
|      | 20              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                               | ----- | ----- |
| 2000 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                               | ----- | ----- |
|      | 28              | 62                                   | 144   | 16.0  | 59                               | 140   | 15.0  | 55                                  | 131   | 14.1  |
|      | 26              | 58                                   | 137   | 14.9  | 55                               | 132   | 14.0  | -----                               | ----- | ----- |
|      | 24              | 53                                   | 127   | 13.5  | -----                            | ----- | ----- | -----                               | ----- | ----- |
|      | 22              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                               | ----- | ----- |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 11)

ISSUED:

DATE: 8/4/2017

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## CRUISE PERFORMANCE

### PRESSURE ALTITUDE 24,000 FEET

CONDITIONS:

3789 Pounds

Recommended Lean Mixture

Cowl Flaps CLOSED

| RPM  | MP<br>(in. Hg.) | 20°C BELOW<br>STANDARD TEMP<br>-53°C |       |       | STANDARD<br>TEMPERATURE<br>-33°C |       |       | 20°C ABOVE<br>STANDARD TEMP<br>-13°C |       |       |
|------|-----------------|--------------------------------------|-------|-------|----------------------------------|-------|-------|--------------------------------------|-------|-------|
|      |                 | % MCP                                | KTAS  | GPH   | % MCP                            | KTAS  | GPH   | % MCP                                | KTAS  | GPH   |
| 2400 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                                | ----- | ----- |
|      | 28              | 72                                   | 159   | 18.4  | 68                               | 157   | 17.3  | 63                                   | 150   | 16.2  |
|      | 26              | 67                                   | 153   | 17.2  | 64                               | 150   | 16.2  | 60                                   | 144   | 15.2  |
|      | 24              | 62                                   | 145   | 15.9  | 58                               | 139   | 15.0  | 55                                   | 129   | 14.0  |
|      | 22              | 58                                   | 138   | 14.9  | 55                               | 131   | 14.1  | -----                                | ----- | ----- |
|      | 20              | 54                                   | 129   | 13.7  | -----                            | ----- | ----- | -----                                | ----- | ----- |
| 2300 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                                | ----- | ----- |
|      | 28              | 68                                   | 154   | 17.5  | 64                               | 150   | 16.4  | 60                                   | 144   | 15.4  |
|      | 26              | 64                                   | 148   | 16.3  | 60                               | 143   | 15.4  | 56                                   | 133   | 14.4  |
|      | 24              | 59                                   | 140   | 15.0  | 55                               | 131   | 14.1  | -----                                | ----- | ----- |
|      | 22              | 55                                   | 132   | 14.0  | 52                               | 121   | 13.2  | -----                                | ----- | ----- |
|      | 20              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                                | ----- | ----- |
| 2200 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                                | ----- | ----- |
|      | 28              | 65                                   | 150   | 16.6  | 61                               | 145   | 15.6  | 57                                   | 136   | 14.6  |
|      | 26              | 60                                   | 142   | 15.4  | 57                               | 136   | 14.5  | -----                                | ----- | ----- |
|      | 24              | 55                                   | 132   | 14.1  | 52                               | 121   | 13.3  | -----                                | ----- | ----- |
|      | 22              | 51                                   | 120   | 13.1  | -----                            | ----- | ----- | -----                                | ----- | ----- |
|      | 20              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                                | ----- | ----- |
| 2100 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                                | ----- | ----- |
|      | 28              | 64                                   | 148   | 16.2  | 60                               | 143   | 15.3  | 56                                   | 133   | 14.4  |
|      | 26              | 59                                   | 140   | 15.1  | 56                               | 134   | 14.3  | -----                                | ----- | ----- |
|      | 24              | 54                                   | 129   | 13.8  | -----                            | ----- | ----- | -----                                | ----- | ----- |
| 2000 | 30              | -----                                | ----- | ----- | -----                            | ----- | ----- | -----                                | ----- | ----- |
|      | 28              | 62                                   | 145   | 15.9  | 59                               | 141   | 15.0  | 55                                   | 129   | 14.1  |
|      | 26              | 58                                   | 138   | 14.9  | 55                               | 131   | 14.0  | -----                                | ----- | ----- |
|      | 24              | 53                                   | 127   | 13.5  | -----                            | ----- | ----- | -----                                | ----- | ----- |

### NOTE

- For best economy, operate at peak T.I.T.
- Some power settings may not be obtainable, but are listed to aid interpolation.
- Power settings not approved for cruising are indicated by dashes.

Figure 5-9 (Sheet 12)

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# **RANGE PROFILE** **45 MINUTES RESERVE** **64 GALLONS USABLE FUEL**

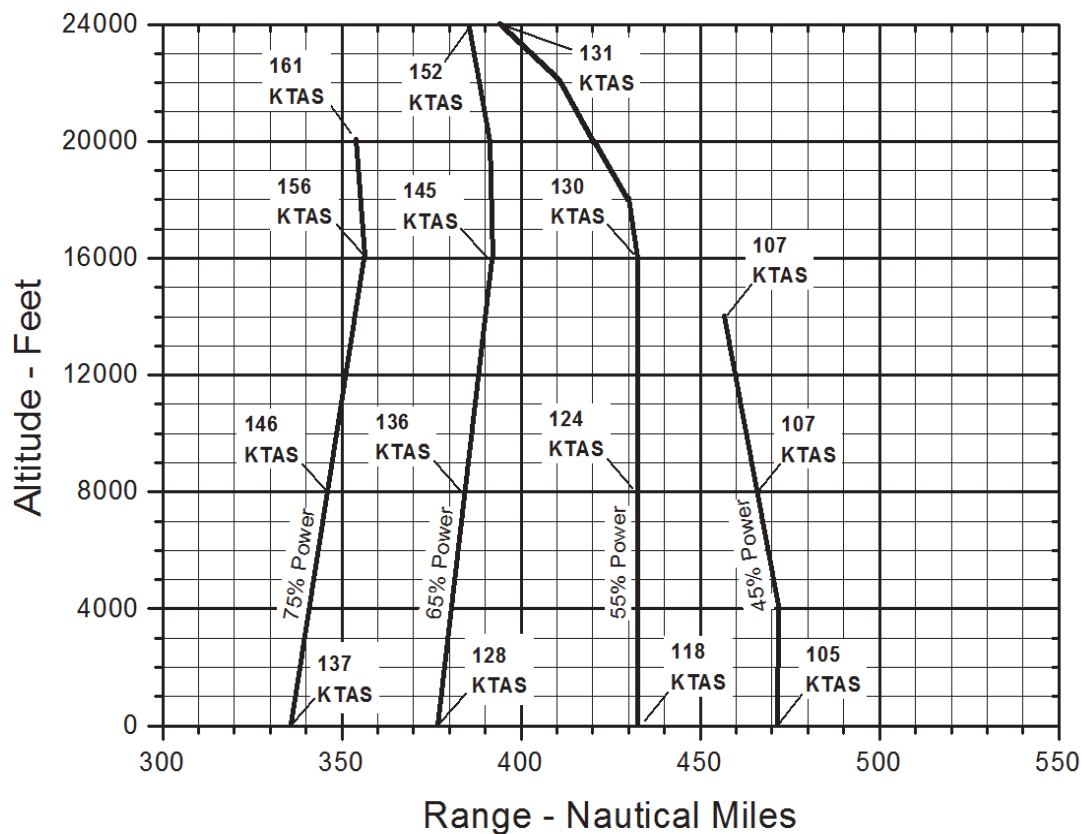
CONDITIONS:

3789 POUNDS

Recommended Lean Mixture

Standard Temperature

Zero Wind



## **NOTE**

This chart allows for the fuel used for engine start, taxi, takeoff and climb, and the distance during a normal climb up to 20,000 feet and maximum climb above 20,000 feet.

Figure 5-10 (Sheet 1)

ISSUED:

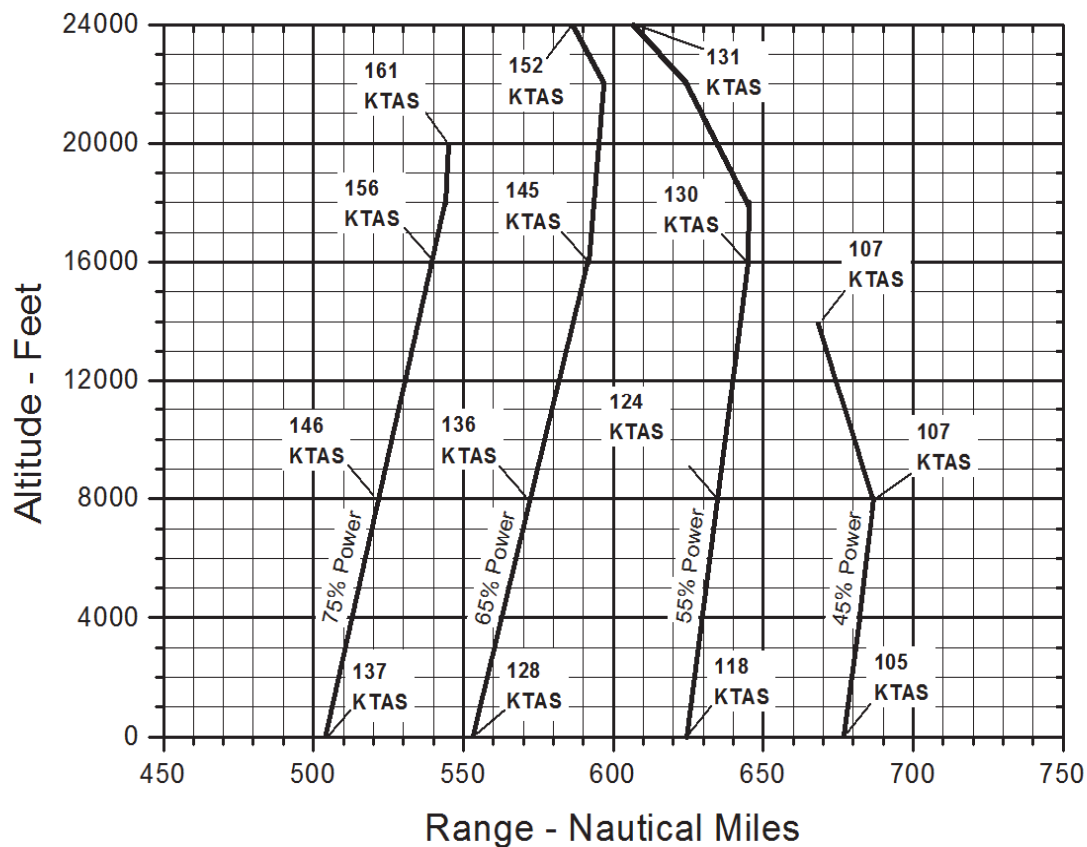
DATE: 8/4/2017

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

# **RANGE PROFILE** **45 MINUTES RESERVE** **87 GALLONS USABLE FUEL**

CONDITIONS:  
3789 POUNDS  
Recommended Lean Mixture

Standard Temperature  
Zero Wind



## **NOTE**

This chart allows for the fuel used for engine start, taxi, takeoff and climb, and the distance during a normal climb up to 20,000 feet and maximum climb above 20,000 feet.

Figure 5-10 (Sheet 2)

ISSUED:

DATE: 8/4/2017

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for Cessna T206H

## **ENDURANCE PROFILE** **45 MINUTES RESERVE** **64 GALLONS USABLE FUEL**

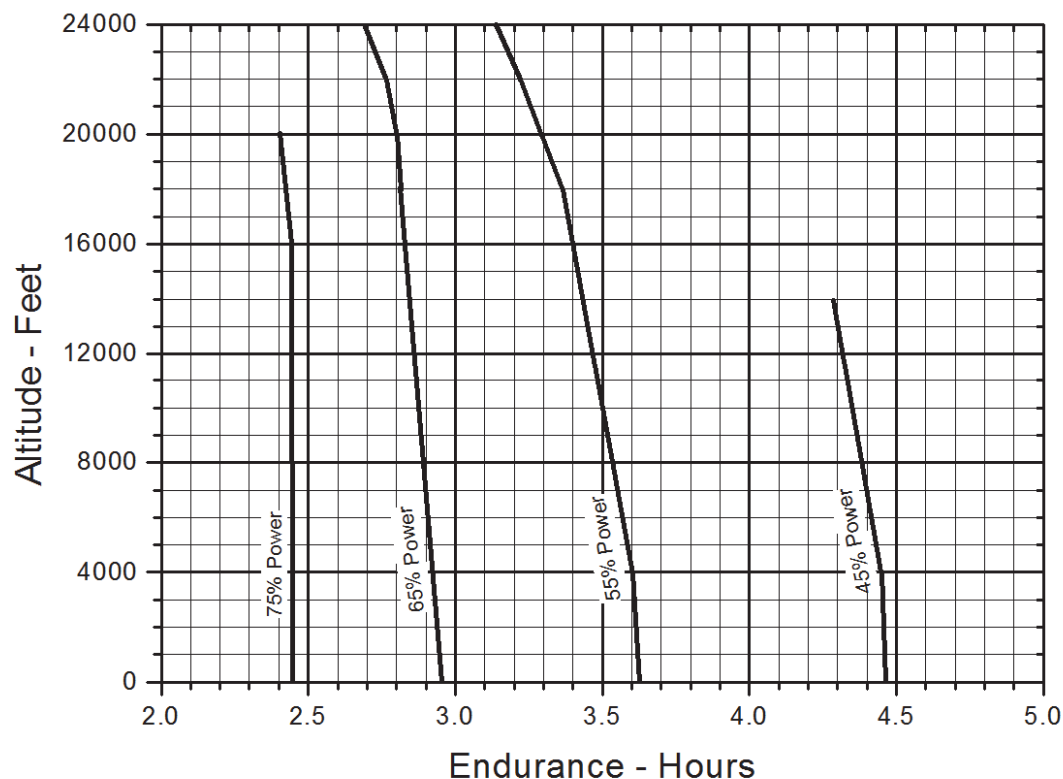
**CONDITIONS:**

**3789 POUNDS**

**Recommended Lean Mixture**

**Standard Temperature**

**Zero Wind**



This chart allows for the fuel used for engine start, taxi, takeoff and climb, and the distance during a normal climb up to 20,000 feet and maximum climb above 20,000 feet.

Figure 5-11 (Sheet 1)

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DATE: 8/4/2017

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## **ENDURANCE PROFILE** **45 MINUTES RESERVE** **87 GALLONS USABLE FUEL**

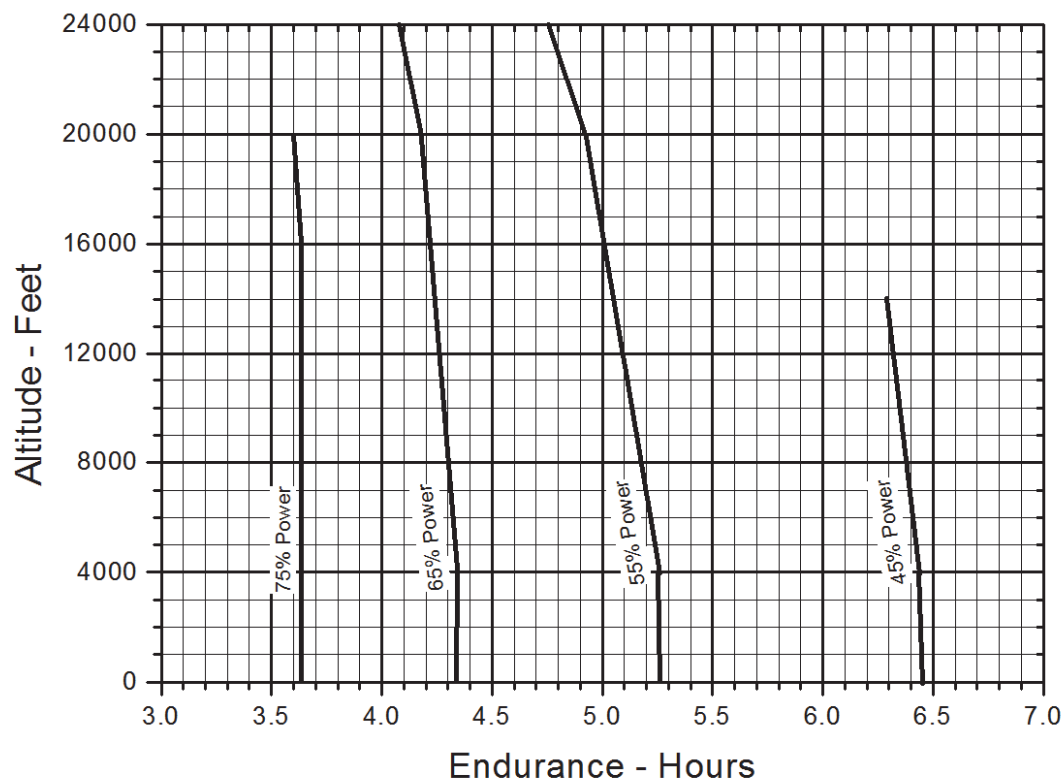
**CONDITIONS:**

**3789 POUNDS**

**Recommended Lean Mixture**

**Standard Temperature**

**Zero Wind**



This chart allows for the fuel used for engine start, taxi, takeoff and climb, and the distance during a normal climb up to 20,000 feet and maximum climb above 20,000 feet.

Figure 5-11 (Sheet 2)

ISSUED:

DATE: 8/4/2017

## SECTION 6 WEIGHT & BALANCE/EQUIPMENT LIST

### CENTER OF GRAVITY MOMENT ENVELOPE

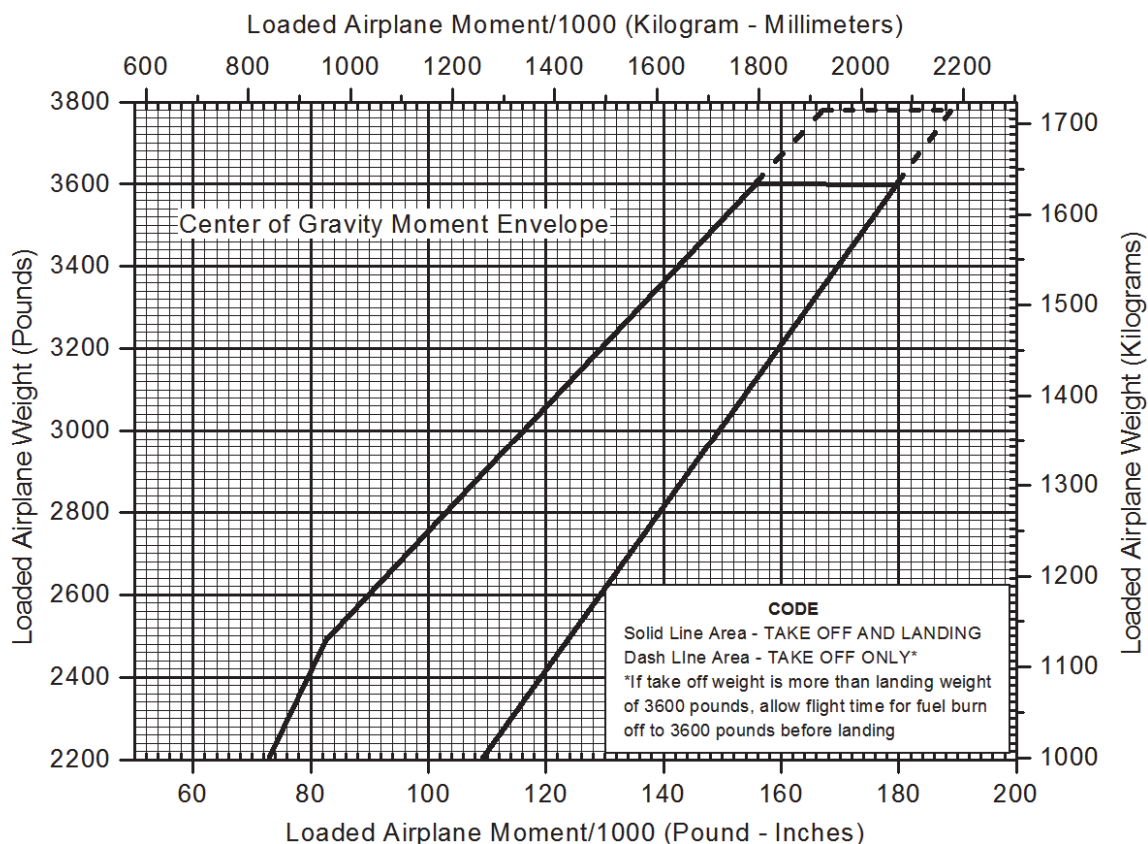


Figure 6-8

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## CENTER OF GRAVITY LIMITS

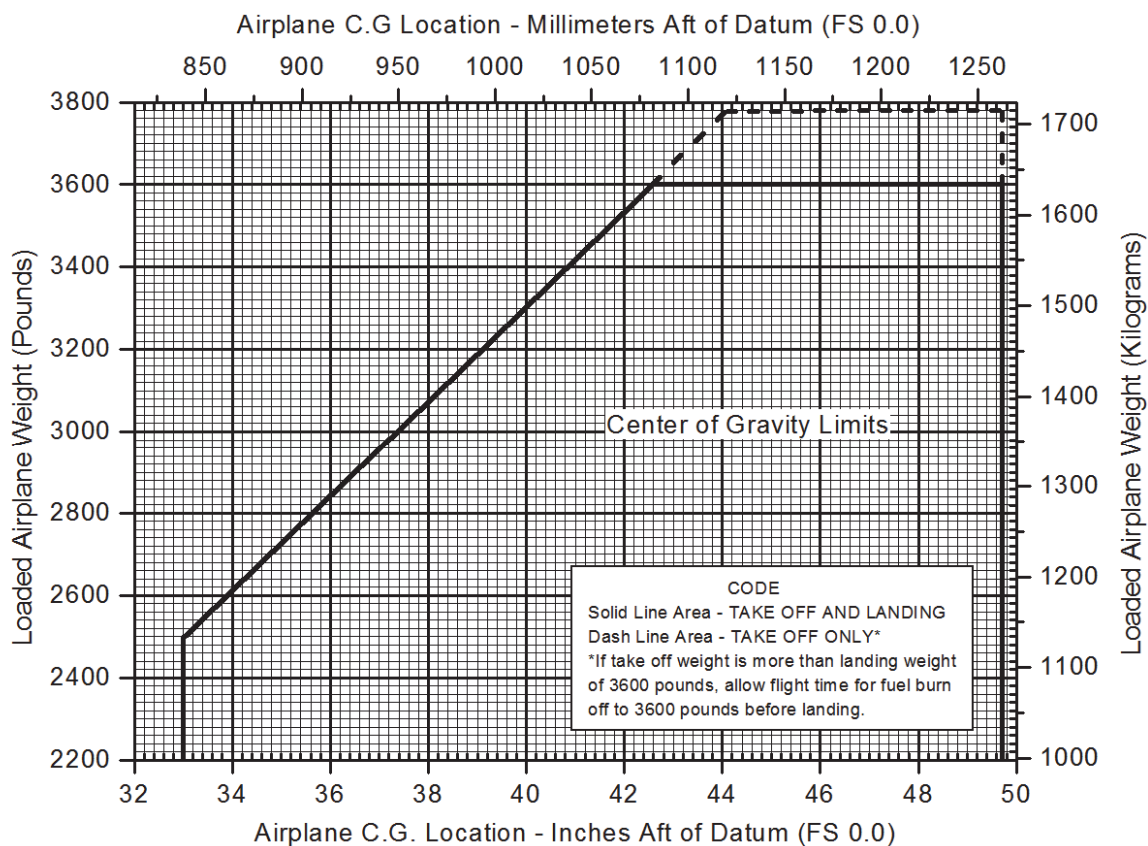


Figure 6-9

FAA APPROVED:

DATE: 8/4/2017