Tobago TB-10

**Technical Specifications**

**Exterior**

* Exterior Height: 10 ft 6 in
* Wing Span: 32 ft 1 in
* Length: 25 ft 1 in

**Interior**

* Cabin Height: 3 ft 11 In
* Cabin Width: 4 ft 3 In
* Cabin Length: 8 ft 4 In

**Occupancy**

* Crew: 1
* Passengers: 3-4

**Operating Weights**

* Max T/O Weight: 2530 Lb
* Max Landing Weight: 2530 Lb
* Empty Weight: 1477 Lb
* Fuel Capacity: 54 gal Lb
* Payload Useful: 992 Lb
* Max Payload: 937 Lb

**Range**

* Max Range: 653 nm
* Service Ceiling: 13000 ft

**Distances**

* Takeoff Distance: 1657 ft
* Landing Distance: 1509 ft

**Performance**

* Rate of Climb: 790 fpm
* Max Speed: 133 kts
* Normal Cruise: 127 kts

**Power Plant**

* Engine Mfg: Lycoming
* Engine Model: O-360-A1AD

## Description

The Socata TB is a series of light single engine piston aircraft manufactured by Daher-Socata and designed in the late 1970s. All aircraft (with the exception of the TB9) have a constant speed propeller. The TB series have become a widely used training and touring aircraft and are often used for instrument training.

### 1986 SOCATA TB-10 Tobago

[0 reviews](https://planephd.com/wizard/details/568/SOCATA-TB-10-Tobago-specifications-performance-operating-cost-valuation?gclid=EAIaIQobChMItKDk2pOW5gIVBY-PCh3k_w3FEAMYASAAEgKRYvD_BwE)

Single engine piston aircraft with fixed landing gear. The TB-10 Tobago seats up to 3 passengers plus 1 pilot.

#### Performance specifications

**Horsepower:**

1 x 180 HP

**Best Cruise Speed:**

117 KIAS

**Best Range (i):**

632 NM

**Fuel Burn @ 75%:**

10.0 GPH

**Stall Speed:**

51 KIAS

**Rate of climb:**

790 FPM

**Ceiling:**

13,000 FT

**Takeoff distance:**

1,066 FT

**Landing distance:**

623 FT

**Takeoff distance over 50ft obstacle:**

1,657 FT

**Landing distance over 50ft obstacle:**

1,394 FT

#### Weights

**Gross Weight:**

2,535 LBS

**Empty Weight:**

1,477 LBS

**Maximum Payload:**

937 LBS

**Fuel capacity:**

54 GAL

#### Engine (x1)

**Manufacturer:**

Lycoming

**Model:**

O-360-A1AD

**Horsepower:**

180 HP

**Overhaul (HT):**

2,000 Hrs

**Years before overhaul:**

12

Mode-S

[7C7C32](https://www.radarbox24.com/data/mode-s/7C7C32)

|  |  |
| --- | --- |
| Date: | 11-JUL-2017 |
| Time: | 18:29 LT |
| Type: | Silhouette image of generic TOBA model; specific model in this crash may look slightly different [Socata TB10 Tobago](https://aviation-safety.net/wikibase/type/TOBA) |
| Owner/operator: | Flight Training Adelaide Pty Ltd |
| Registration: | VH-YTG |
| C/n / msn: | 1407 |
| Fatalities: | Fatalities: 0 / Occupants: |
| Other fatalities: | 0 |
| Aircraft damage: | Minor |
| Location: | nr Parafield Airport, SA (YPPF) - https://aviation-safety.net/database/country/flags_15/VH.gif  [Australia](https://aviation-safety.net/wikibase/dblist.php?Country=VH) |
| Phase: | Approach |
| Nature: | Training |
| Departure airport: |  |
| Destination airport: | Parafield Airport, SA (YPPF) |

Narrative:  
The pilot advised air traffic control that, during final approach to runway 03L at Parafield Airport , the aircraft struck an object, which was potentially a remotely piloted aircraft (RPA). The aircraft sustained minor damage to the right wing. Initial search of the area under the flightpath did not locate the object.This 1991-production Tobago was registered new in Australia on 19 February the following year.

Built in France in 1991 – first registered 19 Feb 1992 to Flight Training Adelaide.