Vulcanair P-68 Observer Model Guide

The Vulcanair P-68 Observer is a piston-engine aircraft in the Partenavia 68 family. That family lists variants including the P.68 Observer, P68 Observer 2 and P68TC Observer. The inputs give no variant-specific weight, speed or range figures. Confirm those from the flight manual and the aircraft's own records before you buy.

KEY TAKEAWAYS

- Family-wide maxima, not this variant: up to 1100 nm range, 171 kt cruise, 4300 kg MTOW, 10 passengers, 25500 ft ceiling.
- P68TC Observer can carry an MT-Propeller STC: 3-blade MTV-12-B-C-F/CF188-53 props replace 2-blade Hartzell constant speed props.
- The MT-Propeller STC adds no airworthiness limitations and no mandatory replacement times for propeller components.
- Production years, seat counts and first flight date are not in the inputs. Verify them with the seller and the records.

PROPELLER MODIFICATION (STC)

For the P68C-TC and P68TC Observer, the MT-Propeller modification removes the 2-blade Hartzell constant speed propellers and their spinners. It fits 3-blade MTV-12-B-C-F/CF188-53 propellers with matching spinners. The existing governors can be retained. Check which propeller set the aircraft actually has.

WHAT TO CHECK BEFORE BUYING

If the STC is fitted, the operator must add the MT-Propeller maintenance information to the Aircraft Maintenance Manual and the scheduled maintenance program. Ask for the MT-Propeller manual ATA 61-01-24 (E-124), the service bulletin compliance records and the overhaul status. Overhaul periods are set in MT-Propeller Service Bulletin No. 1.

SAFETY NOTES

- MT-Propeller says Service Bulletins are of special importance and should be complied with promptly. Check that they were.
- Confirm the EASA approved Airplane Flight Manual Supplement E-1370 is carried if the MT-Propeller STC is fitted.
- The airworthiness document E-1376 covers only the P.68C-TC and P.68TC Observer. Do not assume it applies to other variants.

AI-aggregated guide for the Vulcanair P-68 Observer · sources: Instructions for Continued Airworthiness (#101852) · generated 2026-11-26 · Reference only, not for flight. Check the original documents before relying on this guide.