



Finnish Air Force

Valmet L-90 TP Redigo



Photo: Finnish Air Force / Ville Tuokko

The Valmet L-90 TP Redigo is a single-engine four-seat Finnish turboprop designed for training and liaison roles. The aircraft carries the military designation RG. The Redigos are allocated to the Air Force's flying units and operated in liaison and personnel movement duties along with Army and Navy cooperation missions.

History and development:

The Redigo is based on the Vinka primary trainer and flew its maiden flight in 1985. The design team aimed at building a modern military trainer with international sales potential.

Even though the fuselage of the Redigo and Vinka share some common features, the wings and empennage are completely different, and the Redigo has a retractable landing gear. The Redigo is also heavier, and due to its turboprop engine it neatly outperforms the Vinka.

The Redigo's early design history revealed a number of problems, which were eventually ironed out with a series of modifications resulting in good handling characteristics.



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The Air Force received ten Redigos for liaison duties from 1991 onward. The type will be progressively phased out by the end of 2013.

Approximately thirty Redigos were built for the Finnish Air Force, Mexico, and Eritrea. After production terminated in Finland, Valmet sold the aircraft's manufacturing rights to the Italian Aermacchi company.

Technical data:

Wing span:	10.60 m
Length:	8.53 m
Height:	3.20 m
Empty weight:	1,015 kg
Maximum operating weight:	1,670 kg
Structure:	All-metal
Power plant:	One Allison 250-B17C turboprop rated at 313 kW (420 shp)
Cruising speed:	335 km/h
Ceiling:	7,600 m
Systems and equipment:	Basic instrument flying panel
In service with the Finnish Air Force:	7

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Updated 13th December 2011