



Advanced Trainer



Light Combat Aircraft

Turkish Aerospace
Subsidiary of TAFF and an affiliate of SSB

Fethiye Mh. Havacılık Blv. No:17
06980 Kahramankazan-Ankara/TURKEY
T +90 (312) 8111800 • F +90 (312) 8111425
www.tusas.com

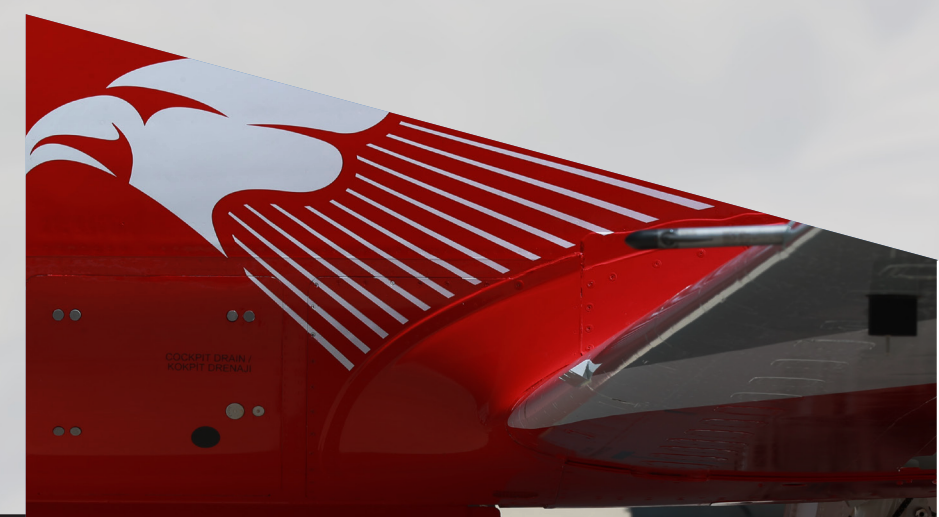


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HÜRKUŞ

Advanced Trainer / Light Combat Aircraft



HÜRKUŞ

HÜRKUŞ, tandem two-seat, low-wing, single-engine, turboprop aircraft, is designed to ensure superior performance as a new generation advanced trainer aircraft and light attack & armed reconnaissance combat aircraft, in order to fulfil the complete training gap between elementary training and fighter aircraft conversion, as well as satisfying close air support roles in most demanding operational theatres.

ROLES

- Basic and Advanced Pilot Training
- Patrol and Border Security
- Counter-Narcotics Operations
- Close Air Support
- Armed Reconnaissance
- Airborne Interdiction
- Surveillance and Reconnaissance
- Airborne Forward Air Control
- Escort & Sweep

GENERAL FEATURES

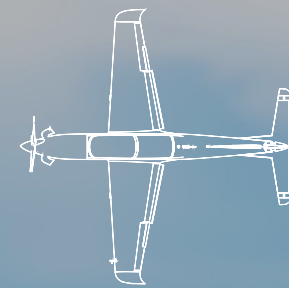
- Superior aerodynamic performance
- State-of-the-Art Avionics
- Enhanced visibility from both cockpits
- Visual Flight Rules and Instrument Flight Rules (VFR/IFR) capable
- Anti-G System
- 1600 shp PT6A-68T Pratt & Whitney Canada turboprop engine
- Martin-Baker MK T16N 0/0 ejection seats
- 30 seconds inverted flight capability
- On-Board Oxygen Generating System (OBOGS)
- Strengthened canopy for bird strike resistance
- High shock absorbing landing gears
- Cost effective / Sustainable life cycle support



TECHNICAL SPECIFICATIONS

AIRCRAFT DIMENSIONS

Wing Span	10.91 m
Length	11.17 m
Height	3.70 m
Wing Area	16.76 m ²
Fuselage Length	10.8 m
Fuselage Height	2.16 m
Fuselage Width	1.01 m



HÜRKUŞ

	TRAINER	LIGHT COMBAT
MTOW	8,267 lbs (3,750 kg)	10,031 lbs (4,550 kg)
Fuel Capacity	1,200 lbs (544 kg)	1,200 lbs (544 kg)
Maximum Cruise Speed	278 kts (515 km/h)	278 kts (515 km/h)
Maximum RoC	3,297 fpm (16.75 m/s)	3,297 fpm (16.75 m/s)
Service Ceiling	35,500 ft (10,820 m)	35,500 ft (10,820 m)
Maximum Range	615 NM (1,139 km)	615 NM (1,139 km)
Positive / Negative g limit	+6/-2.5g	+6/-2.5g
Maximum Payload	-	1,653 lbs (750 kg)

ADVANCED TRAINER VARIANT

Trainer of the Future / Future of the Trainer

HÜRKUŞ advanced trainer aircraft is purpose designed as per contemporary global military trainer aircraft requirements. Featuring next generation glass cockpit, unique high tandem seating configuration, best in class pilot view, on board oxygen generating system and a high-performance engine, HÜRKUŞ provides a cost effective solution for the requirements of trainings.

LIGHT ATTACK / ARMED RECONNAISSANCE VARIANT

Precise and Affordable All-In-One Multiple Mission Solution

HÜRKUŞ-C, Light attack and armed reconnaissance variant, provides a cost effective flexible solution against asymmetric threats of the contemporary world's warfare theatres. Retaining the advanced capabilities of HÜRKUŞ, up-to 5 external hard points on HÜRKUŞ-C provides its operators an extensive payload capacity up-to 750 kg, which can be utilized to perform demanding missions, during day&night conditions in high altitudes and harsh geographies.



WEAPON SYSTEMS

with Five Stations

- Laser Guided Missile (Anti-tank, Anti-personnel)
- 250 lb/500 lb Laser & INS/GPS Guided Bombs
- External Fuel Tanks
- 12.7 mm Gun Pod
- Micro Munitions
- Training Bombs
- Air Launched Mortar Munitions

