



**MWARI**



**LEADERS IN DEFENCE AND  
SECURITY INNOVATION**

# MWARI

ADVANCED HIGH PERFORMANCE  
RECONNAISSANCE AND LIGHT ATTACK AIRCRAFT  
A GROUNDBREAKING MULTI-PURPOSE LIGHT AERIAL PLATFORM

- Integrates designs from attack helicopters, surveillance platforms and reconnaissance aircraft
- Flexible adjustable pod systems for multiple missions
- Applications in defence, internal security, disaster management, border and maritime patrol
- Low purchase and operation costs
- High wing for crew visibility and operation from unprepared airfields
- Payload capacity in excess of 800 kg with full fuel and two crew
- Short Takeoff and Landing (STOL) capability
- Self-protection countermeasures

GENERAL SPECIFICATIONS	
<b>Overall Layout</b>	
Pusher configuration, jet-like characteristics	
Unobstructed forward view for sensors	
Internal high velocity 20 mm cannon	
Flexible belly-mounted multi-mission sensor pod	
High wing for good external view and rough field operation	
<b>Max Takeoff Weight</b>	3 800 kg
<b>Payload with Full Fuel</b>	800 kg +
<b>Landing Gear</b>	
Retractable, optimised for semi- and unprepared sites.	
Sized for optional extra-large high flotation wheels	
<b>Cockpit</b>	
Tandem seat, two crew	
Large vertical cockpit separation and high wing for optimum external view	
New generation multi-function IFR Glass cockpit	

Performance	
<b>Takeoff Distance</b>	550 m Full payload
<b>Max Cruise Speed</b>	272 knots
<b>Service Ceiling</b>	31 000 ft
<b>External Stores and Armament</b>	6 Wing Hard Points 20 mm Fuselage mounted Cannon
<b>Max Mission Range</b>	1 150 N.m
<b>Max Ferry Range</b>	2 000 N.m
<b>Length, Wing Span, Height</b>	10.5 x 12.0 x 4.0 m
<b>Engine</b>	1x Pratt & Whitney PT6A-66B 950 HP Flat-rated (Growth to 1 600 HP)
<b>Conformal and interchangeable Mission-specific Pod accommodating combinations of:</b>	
FLIRs	
SAR Radars	
Active and Passive EW	
ELINT/ COMINT	
ELINT/ COMINT	
High wing for good external view and rough field operation	

