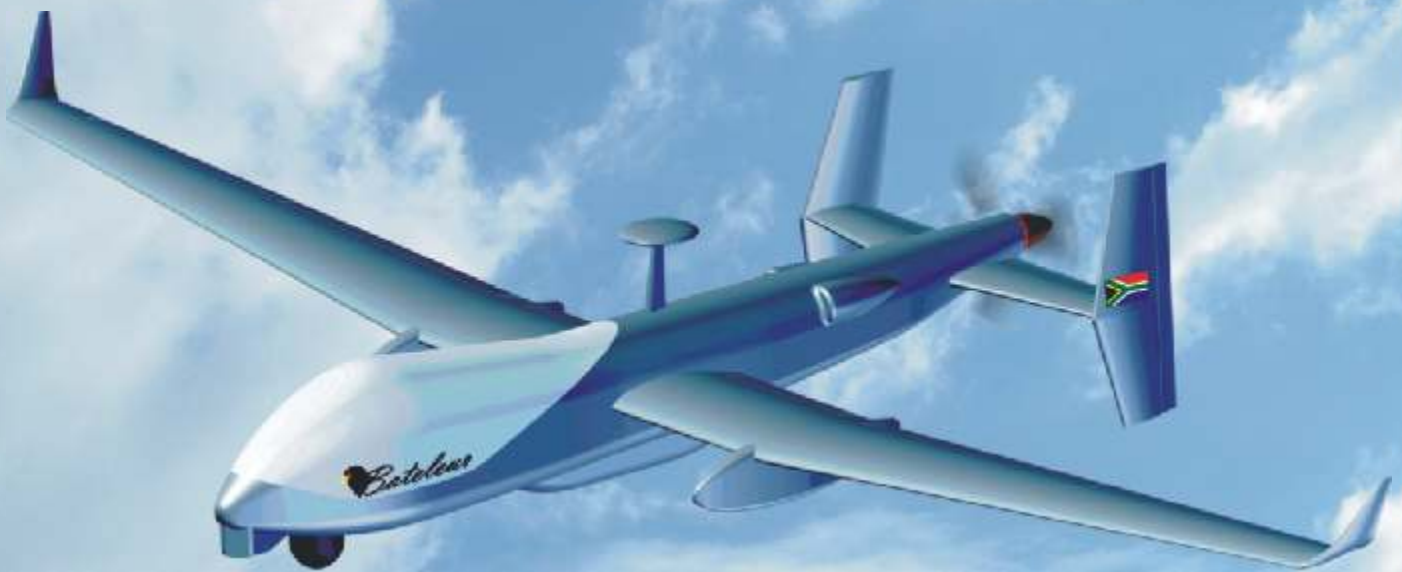


BATELEUR

Medium-Altitude Long-Endurance Surveillance UAV



DENEL DYNAMICS

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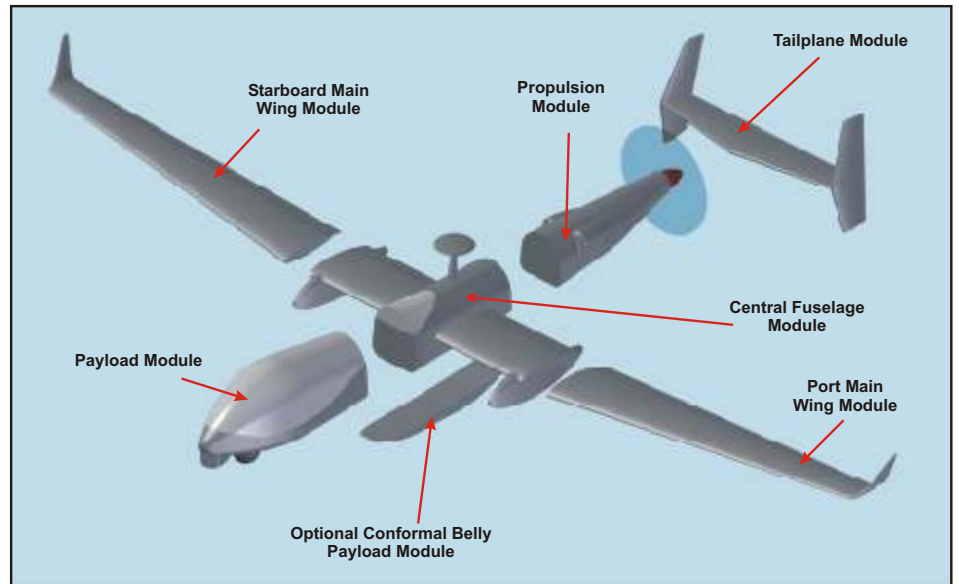


ROLES AND MISSIONS

- Real-time day and night (E/O and IR) surveillance
- Electronic and Communications Intelligence gathering (ELINT and COMINT)
- Airborne communications relay
- Military and paramilitary photo reconnaissance
- Target location and laser designation
- Maritime and coastal patrol
- Border patrol
- Search and rescue
- Battlefield surveillance
- Artillery fire support
- Damage assessment



MODULAR AIRFRAME CONCEPT



PAYLOADS

- Argos-410 E/O and IR (with optional laser rangefinder)
- Goshawk-350 E/O and IR (with optional laser rangefinder)
- Laser designator
- ELINT
- Synthetic aperture radar



MAIN SPECIFICATIONS

- Endurance : 18 to 24 h
- Action radius : Up to 750 km
- Wingspan : 15 m
- Maximum take-off mass : 1 000 kg
- Payload mass : Up to 200 kg
- Maximum altitude : 25 000+ ft
- Maximum take-off distance : 395 m for 1 000 kg at ISA+30 clearing 15 m
- Take-off and landing : Automatic; paved runways
- Landing gear : Retractable
- Maximum cruise speed : 250 km/h
- Minimum loiter speed : 120 km/h
- Construction : Composite, modular, fits into 6 m ISO container
- Candidate engines : Rotax 914, Subaru EA-82T
- Propeller : 1,7 m diameter, three-blade variable pitch

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