

# CYCLONE-21 Blower

Lone Star Aviation's Cyclone-21 is a high-end blower TESTED under RTCA DO160D and FAA PMA'd for aircraft, rotorcraft, and military applications. The major benefits for installing a blower is it significantly reduces the rise in temperatures for critical panel and rack mounted avionics. Additional benefits incorporate high performance ball bearings, a balanced commutator, lock-rotor protections, silicone and conformal coatings for optimum run time and extended product life.

The Cyclone-21 blower has 25 years of history in the field for cooling avionics equipment in harsh conditions so critical avionics can operate with integrity. Additional protections include locked rotor, over current, over temperature and low EMI emissions. The Cyclone-21 has been installed in experimental, sport, general aviation, rotorcraft, business, commercial aircraft, as well as Land-Mobile, Marine and Military Vehicles. The Cyclone-21 blower is also compatible with our FFW, Fan Failure Warning circuit designed to continuously monitor tachometer set points and will illuminate a Green/Red LED indicator (warning) in case of a fan failure.

## Features: Cyclone-21

- Meets Avionics specs for cooling
- Tested under RTCA DO160G
- (3) 5/8 inch outlet ports (offset)
- Models: 13.8 and 27.5 vdc
- Universal Mounting Bracket
- Increased life, integrity of a/c electronics
- 70,000 Hours @25C
- Smallest size, highest CFM output

## Specifications: Cyclone-21

- Airflow: 21 CFM Tested
- Size: 3 x 3 x 1 Ultra Small
- Housing: Plastic UL94 V0 for Flammability
- Light Weight: 8.0oz. / 226g
- Ball Bearing: SS Kubar
- Locked rotor protection, over temperature
- Magnetic Effect: Sec 15 : Z category
- Amperage: (13.8vdc) .420ma, (27.5vdc) .190 ma
- Operating Temp: -55C to +85C
- 1 year Limited Warranty



**FAA PMA'd Approved  
DO160D RTCA Tested**

Item	Product Description	Part Number	Pricing	Inventory
1	14 vdc Cyclone-21	CRB-6457-01	Call Sales	Stock Item
2	28 vdc Cyclone-21	CRB-122253-01	Call Sales	Stock Item
3	Add Tach p/n to item 1 or 2	CRB-TACH 3rd wire	Call Sales	Stock Item

**LONE STAR**  
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