

# MOUNTING SYSTEMS – AVIONICS COOLING FANS



## TABLET MOUNTING SYSTEM

For iPad®, iPad2, iPad (3rd Generation), iPad Mini and other Tablet PCs by simply changing the mounting claws. Sturdy, durable high quality frame construction. Touch points securely hold your tablet in place without any damage. Universal metal tube clamp securely mounts to microphone stands and keyboard stands with tube diameters of up to 28mm. Multi-angle adjustment allows universal positioning of the tablet. The adapter allows for mounting the plate directly to a microphone stand. Quick set-up and release. Weight Packed: 0.88 lb(0.4 kg) Width Packed: 6”(15.24 cm) Height Packed: 8”(20.32 cm) Depth Packed: 3”(7.62 cm) ..... P/N 11-11869

## ANGEROLE INSTRUMENT PANEL MOUNT



The photo illustrates the Model 241 040 fitted to a blank instrument panel. An adaptor plate (included with the mount) fits any standard 2-1/4” instrument panel hole so, generally, it can be fitted without any modifications to your airplane. If your application needs it, we can supply this mount with a 3-1/8” panel adaptor plate. If you don't have an unused panel hole, a viable alternative is to drill two holes and simply bolt the mount directly to your panel. The "footprint" area is only 2" x 0.5" so there's probably going to be somewhere you can make it fit. Naturally, you need to be certain this is appropriate, sensible and legal for your installation before drilling holes in your airplane ..... P/N 11-07238

## SCOSCHE EXTENDO WINDOW / DASH PHONE MOUNT



• Telescoping arm adjusts from a range of 5.34” to 8.87”, with 220° of angle adjustment • Adjustable arms securely hold devices up to 3.5” wide • 360° Adjustable head lets you view your device in portrait, landscape, or any position in between • StickGrip™ adhesive mount pad and suction-cup mount base secure to any surface...P/N 11-19147

## GUARDIAN INSTRUMENT PANEL FLUSH MOUNT FOR IPHONE 6 / 7



The iFDR Panel Mount series is a flush mounting system to easily dock and seamlessly integrate your Apple iPhone 6 or iPhone 7 into your aircraft instrument panel -- giving it a clean, professional appearance in an easy to view position! Once installed, the iFDR mount allows your iPhone to be docked in seconds, fully connected to power and audio with built-in cable ports. Removal is just as easy -- just slide, push, and remove! Add the convenience of all your favorite iOS aviation apps and communication on your iPhone 6 or 7 in easy reach and integrated in your new or existing panel with the iFDR Panel Mount for iPhone 6 / 7. iPhone 6+/7+ ..... P/N 13-18918

## GUARDIAN SMARTPANEL MOUNT FOR APPLE IPAD MINI 6



The smartPanel Mount for Apple iPad Mini is a new flush mounting system to easily dock and seamlessly integrate your existing iPad Mini into your aircraft instrument panel -- giving it a clean, professional appearance in an easy to view position! Once installed, the smartPanel mount allows your iPad to be docked in seconds, fully connected to power and audio with built-in cable ports. Removal is just as easy -- just slide, push, and remove! Compatible with all models of iPad Mini through Mini 6, the smartPanel Mount allows you to transform your new or existing panel and use the most popular iPad for aviation in the cockpit, fully integrated with your instrument panel. Your charts and approach plates are in easy sight for reference and you can even use your iPad Mini as a small multi-function display with the many popular iOS aviation apps available. .... P/N 13-24288

## CO GUARDIAN SMARTPANEL MOUNT FOR APPLE IPHONE 11 PRO



A flush mounting system to dock and fully integrate your Apple iPhone 11 into your aircraft instrument panel with Included Fan. Now Approved for Installation in Certified Aircraft and Rotorcraft! The smartPanel Mount series is a flush mounting system to easily dock and seamlessly integrate your Apple iPhone 11 into your aircraft instrument panel -- giving it a clean, professional appearance in an easy to view position! Once installed, the smartPanel mount allows your iPhone to be docked in seconds, fully connected to power and audio with built-in cable ports. Removal is just as easy -- just slide, push, and remove! Add the convenience of all your favorite iOS aviation apps and communication on your iPhone 11 in easy reach and integrated in your new or existing panel with the smartPanel Mount for iPhone 11. P/N 13-23897

## CYCLONE 600 - 6 PORT AVIONICS COOLING FAN



The Cyclone-600 is a light weight, highly reliable brushless DC avionics blower that delivers 45-50 CFM of forced air to onboard aircraft electronics. The universal mounting system mounts vertical, horizontally or at 45 degrees for straight forward installations for all aircraft make and models.

**Specifications:** • Voltages: 12-14 VDC 600mA; 24-48 VDC 500mA • CFM: 45/50 CFM at 6000 RPM • Dimensions: 4.5in (H) x 3.0in (W) x 6.25in (L)

Description	Part No.	Price
Cyclone 600 6 Port Fan 12-14V	11-05221	---
Cyclone 600 6 Port Fan 24/28V	11-05222	---

## CYCLONE 100 VDC BLOWER KIT

This New blower's universal mounting bracket makes it easy to set-up and install on a variety of aircraft Install immediately on experimental, sport and soon on general aviation, business, rotor-craft, commercial class aircraft as well as Land-Mobile, Marine and Military Vehicles.



**Specifications:** • Light Weight: 52 grams, 0.115 lbs • Enclosure: Aluminum, (powder coated) • Vdc, amperage: 12 = 10.2-15.8Vdc, 0.320ma • Vdc, amperage: 24 = 18.2-28.5Vdc, 0.300ma • 1 port = 5/8 inch x 1.0 • Max Static pressure: H2O = 0.64 • Max Air Flow: 6.7 CFM • Universal Mounting Bracket: (4) (mt)/h • Operating Temp: -55C to +70C • FAA-PMA (pending), 6-30-08 • Ultra-Small Size: 2.0H x 1.00W x 2.0L • Easy Installation: (4 x 6-32) • 1 year Limited Warranty

Installation: (4 x 6-32) • 1 year Limited Warranty

Description	Part No.	Price
Cyclone 100 12 VDC Blower Kit LS03-02040	11-06567	---
Cyclone 100 24 VDC Blower Kit LS03-02041	11-06568	---
Cyclone 21 3 Port Cooling Fan 12V FAA/PMA	11-18380	---
Cyclone 21 3 Port Cooling Fan 24V FAA/PMA	11-18381	---
Cyclone 600 6 Port Cooling Fan 12V FAA/PMA	11-05221	---
Cyclone 600 6 Port Cooling Fan 24V FAA/PMA	11-05222	---

## SANDIA SAFE 328 - 3 PORT COOLING FAN



The SAFE 328 is a three port blower that can effectively cool a complete avionics suite. Providing a nominal 20 CFM of cooling air (no load), the SAFE 328 provides an alert output should the blower RPM drop below a preset level.

**Specifications:** • Operating Voltage: 28Vdc • Current Draw: 400 MA Nominal (550MA strapup) • Size: 5.58" x 4.75" x 1.25" • Weight: 1.18 lbs.

Certification: PMA DO160D ..... P/N 11-11301

## SANDIA ACF 314 (3 PORT FAN)



The ACF 314 and ACF 328 simultaneously cool up to three avionics units. Operating on 14Vdc and 28 Vdc respectively the ACF 314 and ACF 328 supply up to 20 cubic feet of cooling air per minute, helping maintain your avionics at a proper operating temperature. FAA PMA's and have passed stringent environmental testing to ensure years of reliable service. **Specifications:** • Operating Voltage: 14Vdc • Current Draw: 960mA (1.7A at startup) • Size: 5.18" x 5.18" x 2.1" • Weight: 1.18 lbs.

AFC 314 (14V) ..... P/N 11-06345  
AFC 328 (28V) ..... P/N 11-11300

## SANDIA ACF 528 5 PORT FAN



The ACF528 is a FAA-PMA'd five port cooling fan that produces cooling air for one to five avionics units. Supplying up to 20 cubic feet of air per minute at 28 Vdc, the ACF528 can easily cool an entire stack of avionics. The ACF528 uses a brushless blower motor to provide years of reliable RunQuiet™ operation. **Specifications:** • Operating Voltage: 28Vdc • Current Draw: 480mA (850mA startup) • Size: 5.13" x 6.77" x 2.1" • Weight: 1.18 lbs • Certification FAA-PMA: DO160C P/N 11-08020

## SANDIA SAFE 128 AXIAL FAN



The SAFE 128 is an axial fan that is designed to attach directly to an avionics unit's cooling port. Providing a nominal 20 CFM (no load) of cooling air. The SAFE 128 provides an alert output whenever the fan RPM drops below a preset level. **Specifications:** • Voltage: 28 Vdc • Current Draw: 100mA nominal <.250mA StartUp • Size: 2.36" x 2.87" x 1.44" • Weight: .25 lb. • Certification: PMA, DO160D • With Fault Detention ..... P/N 11-08019