

# CM2 DESKTOP COOLING FAN

The following installation document describes the set-up procedures for the Lone Star Aviation desktop cooling fan part number LS03-02013. This desktop fan was designed to produce 6 CFM of forced air cooling for GPS electronics while operating within the Commander Docking Stations. The Lone Star Aviation Blower is compatible with the following equipment. **Honeywell** GPS units: K1x-135A, K1n-35A, K1n-89/89B, K1n94 , K1n-90. **Garmin** GPS units: GNS-480, GNS 430, GNS 530 in addition to other GPS models needing forced air cooling during take home mode operations.

## **ASSEMBLY LIST:**

The Cooling Fan Includes the following parts to provide (1) complete unit.

1. ( 1 ) EACH Fan Body including the manifold, 12vdc motor, motor base, 5/8 inch port, 6" wire cable with (2.1 mm x 5.5 mm) dc plug, and product label.
2. ( 1 ) EACH 4" 5/8 flexible tubing.
3. ( 1 ) EACH 5/8 x 1" flanged bushing, plastic.
4. ( 4 ) EACH double sided adhesive pad.
5. ( 1 ) EACH warranty card.
6. ( 1 ) EACH Instruction sheet.

## **STEP 1**

Set-up your Commander Control Station according to your docking Station's instruction sheet.

## **STEP 2**

Set up the cooling fan behind the commander docking station, point the blower towards the GPS.

## **STEP 3**

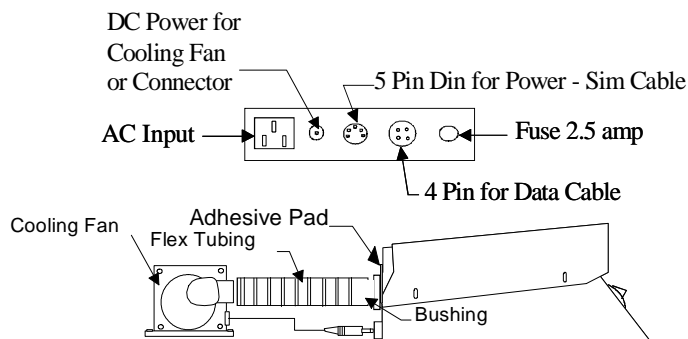
Turn the on/off switch to the Commander Docking Station to the off position. Plug the cooling fan's 2.1mm dc cable into 2.1mm dc receptacle on the commander's back panel.

## **STEP 4**

Attach the 5/8 inch flexible tubing between the 5/8 x 3/4 " bushing on the fan body and the separate 5/8 x 1.0" plastic bushing positioned to the air inlet opening on the back of the GPS receiver.

## **STEP 5**

Locate and press on the sample adhesive washer (1) between the 5/8 x 1.0 bushing and the receiver's air inlet opening to keep the tubing in place during operations. Remove washer before installing the GPS back into aircraft.



## **Commander 2000K**