

ASOS MAINTENANCE NOTE 27 (for Electronics Technicians)

Engineering Division

W/OSO321:AJW

Ordering and Installing ASOS Calibration Software

GENERAL

This note provides information on how to acquire the new standard ASOS calibration software and provides subsequent laptop installation instructions. The software establishes a software calibration standard for all ASOS Electronics Technicians which will reside on technicians laptop computers.

Technicians requiring items from the National Logistics Supply Center (NLSC) will either initiate an order using the Consolidated Logistics System or contact their designated regional focal point. You must have the Serial BERT software in addition to the calibration software.

PROCEDURE

Order the following item from NLSC: S100-TE318-1, ASOS Calibration Software. If a technician does not have the Serial Bert Software, also order S100-TE318.

The Calibration software is shipped on one 3.5" floppy disk. This disk (S100-TE318-1) contains the ASOS calibration menu program and associated files to execute the software calibration standard. Included in this software package are the following maintenance calibration programs:

- C Solar Noon Calculation
- C Psychrometer Calculation
- C Ceilometer Calculation
- C VSWR Calculation

The Serial BERT program (S100-TE318) is a separate piece of software. Load the software into the laptops by using the following procedure:

1. Power up the laptop.
2. After the boot sequence validate correct time and date.
3. At the C:\DOS prompt create a directory called ASOS.

```
C:\>md asos
```

4. Insert the disk (S100-TE318-1) with the ASOS and SUN executable files in the A drive.
5. Change to the ASOS directory and copy the ASOS calibration programs and SUN executable file to the ASOS directory on the C drive.

```
C:\>cd asos
C:\ASOS>copy a:\asos.exe
C:\ASOS>copy a:\sun.exe
```

6. After the files have been copied to the ASOS directory, create a directory called SB and log onto the new directory.

```
C:\ASOS>md sb
C:\ASOS>cd sb
```

7. Insert the disk S100-TE318 with the Serial BERT program files in the A drive.
8. Copy the Serial BERT program files contained on the disk in the A drive, to the SB subdirectory.

```
C:\ASOS\SB>copy a:\*.*
```

9. Edit the AUTOEXEC.BAT file and add the ASOS and SB subdirectories in the path statement.

```
PATH=C:\ASOS;C:\ASOS\SB;%PATH%
```

10. Reboot the computer and type ASOS at the C prompt to bring up the ASOS calibration menu program.
11. Keep original disks in a safe place to be used if laptop computer needs to be reloaded.

EFFECT ON OTHER INSTRUCTIONS

None.

REPORT MAINTENANCE ACTION

None.

Original Signed

Acting Chief, Engineering Division

W/OSO321:AJWissman:713-1835x165:7/26/96:redone 7/30/96:dsi:WP6.1
file:maint27.h11,EHBdisk 11-J :spellcheck: nmb 7/30/96: