

AVIATION TECHNICAL SOLUTIONS, LP

433 Starlight Dr. Keller, Texas 76248

sales@av-ts.com

www.av-ts.com

(817) 938-3318

(817) 845 0145

CALIBRATION PROCEDURE

Equipment required:

Complete AS-100 system

Appropriate means of monitoring motor shaft output RPM.

Procedure:

1. Connect the AS-100 drive box and all the drive motors with the provided cabling, just as it would be used on an aircraft.
2. Install calibration drive coupling on the first motor.
3. Turn on the system and set the first motor to a speed of 75rpm. Compare this to the drive box display reading of 75 rpm and record the result on the calibration record.
4. Repeat step 3 at 600 rpm, 1200rpm and 1800 rpm, tolerance for each is as indicated on the CALIBRATION RECORD
5. Repeat steps 2 through 4 for each drive motor.

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CALIBRATION RECORD

| | 75 RPM (+/- 4 RPM) | 600 RPM (+/- 3 RPM) | 1200 RPM (+/- 6 RPM) | 1800 RPM (+/- 18 RPM) |
|---------------------------|-----------------------|------------------------|-------------------------|--------------------------|
| MOTOR # 1, S/N: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| MOTOR #2, S/N: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| MOTOR #3, S/N: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| MOTOR #4, S/N: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| MOTOR #5, S/N: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| MOTOR #6, S/N: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| System P/N: | <hr/> | | | |
| System S/N: | <hr/> | | | |
| Date: | <hr/> | | | |
| Calibration Performed By: | <hr/> | | | |