AIM 4/20/23

between the NWS, the FAA, and various industry and research representatives. This collaboration ensures that user needs and technical readiness requirements are met before experimental products mature to operational application.

d. The AWRP manages the transfer of aviation weather R&D to operational use through technical review panels and conducting safety assessments to ensure that newly developed aviation weather products meet regulatory requirements and enhance safety.

Weather Elements Conversion Tables Altimeter Setting Pressure - Altitude Speed - Distance Temperature TIME INS. STANDARD CONVERSIONS MBS./hPas. M/H **KTS** KM/H 100'S 965 28.5 INS. MBS./hPas. STANDARD TO UTC FT* 180 970 230 + 5 hr = UTCEastern 220 110 +6 hr = UTCCentral 210 Mountain + 7 hr = UTC200 -160 100 980 -190 +8 hr = UTCPacific. 29.0 180 -150 90 +9 hr = UTCAlaskan -170 Hawaii & Aleutian Islands 140 990 160 80 + 10 hr = UTC 150 70 20 1000 120 130 Subtract one hour for 120 Daylight Time 60 -110 110 20 10 1010 100 -100 21 50 40 90 90 30.0 80 1020 80 50 70 WINDSPEED 20 60 1030 60 30.5 10 25 50 40 26 1040 -20 27 30 20 1050 1000 -30 68-72 1060 73-77 103-107 0 0 Knots x 1.15 = 100'S M/H KTS KM/H INS. MBS./hPas. °C 31.5 MBS./hPas INS.

FIG 7-1-1
Weather Floments Conversion Tables

- **e.** The AWRP review and decision–making process applies criteria to weather products at various stages . The stages are composed of the following:
 - 1. Sponsorship of user needs.

7–1–4 Meteorology