7−1−28. Key to Aerodrome Forecast (TAF) and Aviation Routine Weather Report (METAR)

FIG 7−1−22
Key to Aerodrome Forecast (TAF) and Aviation Routine Weather Report (METAR) (Front)

Key to Aerodrome Forecast (TAF) and Aviation Routine Weather Report (METAR) (Front)

TAF	KPIT 091730Z 0918/1024 15005KT 5SM HZ FEW020 WS010/31022KT
	FM091930 30015G25KT 3SM SHRA OVC015
	TEMPO 0920/0922 1/2SM +TSRA OVC008CB
	FM100100 27008KT 5SM SHRA BKN020 OVC040
	PROB30 1004/1007 1SM -RA BR
	FM101015 18005KT 6SM -SHRA OVC020
	BECMG 1013/1015 P6SM NSW SKC

NOTE: Users are cautioned to confirm *DATE* and *TIME* of the TAF. For example FM**10**0000 is 0000Z on the **10th**. Do not confuse with *1000Z!*

METAR KPIT 091955Z COR 22015G25KT 3/4SM R28L/2600FT TSRA OVC010CB 18/16 A2992 RMK SLP045 T01820159

Forecast	Explanation	Report
TAF	Message type: <u>TAF</u>-routine or <u>TAF AMD</u>-amended forecast, <u>METAR</u>-hourly, <u>SPECI</u>-special or <u>TESTM</u>-non-commissioned ASOS report	**METAR**
KPIT	ICAO location indicator	**KPIT**
091730Z	Issuance time: ALL times in UTC "<u>Z</u>", 2-digit date, 4-digit time	**091955Z**
0918/1024	Valid period, either 24 hours or 30 hours. The first two digits of EACH four digit number indicate the date of the valid period, the final two digits indicate the time (valid from 18Z on the 9th to 24Z on the 10th).	
	In U.S. METAR: <u>COR</u>rected ob; or <u>AUTO</u>mated ob for automated report with no human intervention; omitted when observer logs on.	**COR**
15005KT	Wind: 3 digit true-north direction, nearest 10 degrees (or <u>VaRiaB</u>le); next 2-3 digits for speed and unit, <u>KT</u> (KMH or MPS); as needed, <u>G</u>ust and maximum speed; 00000KT for calm; for METAR, if direction varies 60 degrees or more, <u>V</u>ariability appended, e.g., 180<u>V</u>260	**22015G25KT**
5SM	Prevailing visibility; in U.S., <u>S</u>tatute <u>M</u>iles & fractions; above 6 miles in TAF <u>P</u>lus6<u>SM</u>. (Or, 4-digit minimum visibility in meters and as required, lowest value with direction)	**¾SM**
	Runway Visual Range: <u>R</u>; 2-digit runway designator <u>L</u>eft, <u>C</u>enter, or <u>R</u>ight as needed; "<u>/</u>", Minus or Plus in U.S., 4-digit value, <u>F</u>ee<u>T</u> in U.S., (usually meters elsewhere); 4-digit value <u>V</u>ariability 4-digit value (and tendency <u>D</u>own, <u>U</u>p or <u>N</u>o change)	**R28L/2600FT**
HZ	Significant present, forecast and recent weather: see table (on back)	**TSRA**
FEW020	Cloud amount, height and type: <u>Sk</u>y <u>C</u>lear 0/8, <u>FEW</u> >0/8-2/8, <u>Sca</u>T<u>t</u>ered 3/8-4/8, <u>Bro</u>Ke<u>N</u> 5/8-7/8, <u>O</u>ver<u>C</u>ast 8/8; 3-digit height in hundreds of ft; <u>T</u>owering <u>C</u>umulus or <u>C</u>umulonim<u>B</u>us in **METAR**; in **TAF**, only <u>CB</u>. <u>V</u>ertical <u>V</u>isibility for obscured sky and height "VV004". More than 1 layer may be reported or forecast. In automated **METAR** reports only, <u>C</u>lea<u>R</u> for "clear below 12,000 feet"	**OVC 010CB**
	Temperature: degrees Celsius; first 2 digits, temperature "<u>/</u>" last 2 digits, dew-point temperature; <u>M</u>inus for below zero, e.g., M06	**18/16**
	Altimeter setting: indicator and 4 digits; in U.S., <u>A</u>-inches and hundredths; (<u>Q</u>-hectoPascals, e.g., Q1013)	**A2992**
WS010/31022KT	In U.S. **TAF**, non-convective low-level (≤2,000 ft) <u>W</u>ind <u>S</u>hear; 3-digit height (hundreds of ft); "<u>/</u>"; 3-digit wind direction and 2-3 digit wind speed above the indicated height, and unit, <u>KT</u>	