



Teletype Model 28 printer, to the right of control console, brings FAA operator continuous operational weather data and other information important to air navigation. Radio links operator with planes in flight.

Teletype equipment used in 24 hr. reporting of vital flight data by Federal Aviation Agency

Early barnstormers relied on fragmentary weather reports and an occasional phone call to a distant flying field. Today, whenever a pilot files a flight plan he takes on an extra co-pilot—the Federal Aviation Agency's communications service.

37,500-mile network. A vital element in this service is a data gathering and disseminating network, which today has 37,500 miles of wire and includes some 2,600 Teletype page printers, plus tape punches and readers. Over this network, day and night, flow operational weather data, collected automatically every hour—plus Notices to Airmen (called "NOTAMS") which contain such information for pilots as the status of air navigation aids, the shutting down and reopening of navigation facilities, and abnormal or hazardous conditions at airports or along the airways. The FAA also operates a second wire network, utilizing Teletype equipment, over which flight plans of all aircraft, military as well as civilian, are transmitted

for flight control and air safety.

Continuous improvement in facilities. Through the years the Federal Aviation Agency has followed a continuing program of improving its facilities as the nation's air traffic grew. For example, both the aviation weather relay and the flight supervisory networks utilize built-in control features of the Model 28 "stunt box." Also, new Teletype tape punch and reader equipment, with a potential of 1,000 words per minute, will soon be installed to further increase the speed and flexibility of the automatic weather reporting system.

Additional information. Twenty-four hour duty, such as is required in FAA service, has traditionally been "standard operating procedure" for Teletype equipment. To this the new Model 28 line adds higher speed, unusual flexibility, and extensive capacity for built-in features and controls. For further information, please write to: Teletype Corporation, Dept. 12K, 4100 Fullerton Ave., Chicago 39, Illinois.



Translation

Kansas City: Special observation #4, 1500 feet scattered clouds, measured ceiling 2500 feet overcast, visibility 4 miles, light rain, smoke, sea level pressure 1013.2 millibars, temperature 58°, dew-point 56°, wind south 7 knots, altimeter setting 29.93 inches, pilot reports top of overcast 5500 MSL, rain began 5 minutes past the hour, overcast occasionally broken, runway 25 visual range 3200 feet.

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Business Week, October 17, 1959

Armed Forces Management, November, 1959

Wire & Radio Communications, October, 1959

Signal, December, 1959