

# Villages to get \$34 million for airports

Barrow, Sitka, Dillingham, Ft. Yukon, Soldotna and Kodiak are among cities and the municipalities which will receive a total of \$34,321,838 in federally funded aviation-related construction which is scheduled in Alaska during 1982, according to the Federal Aviation Administration's Alaskan Region.

The figure includes \$23,826,436 in new construction and \$10,495,402 in construction initiated last year.

Alaska airport construction projects make up the lion's share of the total with improvement projects scheduled in 1982 under the Federal Airport Development Aid Program (ADAP) include: Barrow, \$3,600,000; Yakutat, \$2,965,000; Fairbanks, \$2,315,049; Anchorage (Merrill Field), \$2,006,876; Kodiak,

\$2,000,386; Sitka, \$1,682,375; Soldotna, \$596,812; Kenai, \$562,500; Juneau, \$447,538 and Anchorage (International), \$130,000.

Significant construction remains to be completed under last year's program at airports in Dillingham, \$6,369,297; Ft. Yukon, \$1,715,000 and Soldotna, \$708,105.

Besides airports, FAA-funded projects in 1982 will include \$6,480,300 in additional projects in 1982 will include \$6,480,300 in additional air navigational aids to benefit Alaskan pilots; completion of the \$1,703,000 building expansion at the Anchorage Air Route Traffic Control Center at Elmendorf, radar service improvements amounting to \$700,000 and \$240,000 to improve the approach light system (ALS) serving Runway

06R at Anchorage International Airport.

To assist Alaska pilots in air navigation, the agency will install 15 new very high frequency direction finders (VDF); eight very high frequency omni-directional radio ranges (VORs); six single-frequency outlets (SFOs) and five distance measuring equipment units (DMEs).

The direction finders, will cost a total of about \$2,000,000, including \$1,025,000 in construction costs and \$975,000 in equipment costs. The 15 locations selected for installation of the direction finders are: Kodiak, Sitka, Unalakleet, Fairbanks, Tanana, Big Delta, Fort Yukon, Bettles, St. Marys, Aniak, Cold Bay, Sand Point, Galena, Ambler and Mekoryuk.

The VDF units, which often

have saved the lives of pilots who became lost or disoriented in unfamiliar territory or inclement weather, are radio receivers which, in conjunction with direction-sensing antenna, provide bearings on aircraft radio transmitters and allow specially-trained FAA air traffic control specialists to obtain a "fix" on aircraft requesting orientation assistance. VDF can also be used in locating downed aircraft.

The eight new very high frequency omni-directional radio ranges (VORs) are scheduled for installation at Anvik, Emmonak, Hooper Bay, Huslia, Kipnuk, Quinhagak, Savoonga and Selawik at a total cost of approximately \$3,480,300. The VORs are expected to be in service by mid-1983.

The six single-frequency

outlets (SFOs) will be constructed this spring and summer at a cost of about \$100,000 per site. Three of the units are scheduled for the Kodiak area—in the vicinity of Akhiok, Cape Gull and Karluk. The other three will go in near Mentasta, Thompson Pass in the Valdez area and Robert Barron Peak in the Juneau area.

Distance measuring equipment (DME) will be added to new or existing air navigation facilities at five Alaska locations at a total cost of \$213,600 for equipment and \$186,400 for construction. New DMEs will be installed at Ambler, Port Heiden, Gambell, Mekoryuk and Togiak and existing tube-type DME units at Sand Point and St. Paul will be replaced with modern, solid-state equipment.