

Presented by: The Manager
Introduced: 09/14/92
Drafted by: P.D.B./J.R.C.

RESOLUTION OF THE CITY AND BOROUGH OF JUNEAU, ALASKA

Serial No. 1591

A RESOLUTION AFFIRMING SUPPORT BY THE CITY AND BOROUGH OF JUNEAU FOR AN OPERATIONAL DEMONSTRATION TRIAL OF A DIFFERENTIAL GLOBAL POSITIONING SYSTEM APPROACH SERVICE AT JUNEAU INTERNATIONAL AIRPORT.

WHEREAS, it is in the public interest to reduce aircraft missed approaches at the Juneau International Airport which are caused by weather conditions worse than 1,000 foot cloud base and 2 miles visibility, because these missed approaches disrupt service for airlines, commuter flights, air taxi operators, helicopter operators and all other forms of air service, and

WHEREAS,

the City and Borough of Juneau, Alaska, as administrator and operator of Juneau International Airport;

Alaska Airlines, operator of aircraft at Juneau International Airport and other locations;

Aeronautical Radio, Inc.;

Litton Systems Inc., Aero Products Division;
and

the State of Alaska Department of Transportation and Public Facilities;

(hereinafter collectively the "Participants") wish to enter a memorandum of understanding to coordinate a Differential Global Positioning System ("DGPS") demonstration project at Juneau International Airport by allocating responsibilities and creating an organizational structure to manage such a project, and

WHEREAS, the Participants desire that further implementation of DGPS-derived precision approach service be implemented throughout airports in the State of Alaska after proof of concept has been achieved at Juneau, and

WHEREAS, the Participants will seek to obtain funding for certain elements of the project through the Federal Aviation Administration and other funding sources as appropriate, and

WHEREAS, pending acquisition of necessary project funding for the demonstration, the city will work with the Participants to achieve such funding and remain prepared to begin work on the demonstration after funding is finalized, and

WHEREAS, when necessary funding has been secured the City will participate in a cooperative program to field test and report on a DGPS system which will encompass ground and aircraft facilities designed to interoperate using Aeronautical Radio, Inc.'s communications facilities;

NOW, THEREFORE, BE IT RESOLVED BY THE ASSEMBLY OF THE CITY AND BOROUGH OF JUNEAU, ALASKA:

1. That the manager is authorized to execute memoranda of understanding with the Participants and, upon receipt of final funding, cooperate with the Participants to begin work on a DGPS demonstration at Juneau.

2. That the City shall:

(a) Clearly state support for this project and shall support efforts by the State of Alaska to pursue funding;

(b) Provide access to suitable space to operate and house DGPS facilities, Aeronautical Radio, Inc. ground equipment, and associated computer and radio equipment at Juneau International Airport;

(c) Assist in obtaining necessary security clearances and escorts for presence of participants on ground areas of Juneau International Airport and assist in establishing times and dates when performance of experiments is permitted on airport property; and coordination on procedures;

(d) Allow, subject to normal requirements, Aeronautical Radio, Inc. or other Participants to install, operate and maintain, appropriate and necessary communication and display equipment) in facilities under the control of the City;

(e) Take reasonable precautions, within existing security parameters, to protect Aeronautical Radio, Inc. and other vendor equipment from misuse, theft, or damage while within facilities furnished by the City;

(f) Facilitate communication with the Air Traffic Control Tower or other City departments at Juneau;

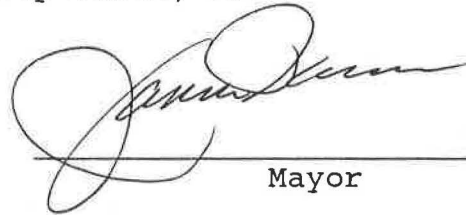
(g) Facilitate on-field site installation of DGPS equipment, including airport emergency power connection authorization;

(h) Provide appropriate technical support, as needed and available, through its maintenance facilities;

(i) Provide accurate survey maps of Juneau suitable for use in a digitized system.

3. Effective Date. This resolution shall be effective immediately upon adoption.

Adopted this 14th day of September, 1992.



Mayor

Attest:



Clerk