



U. S. Department
of Transportation

**Federal Aviation
Administration**

Great Lakes Region
Illinois, Indiana, Michigan,
Minnesota, North Dakota
Ohio, South Dakota, and
Wisconsin

2300 E Devon Avenue
Des Plaines, Illinois 60018

September 17, 2004

Ms. Rosemarie Andolino
Executive Director, O'Hare Modernization Program
City of Chicago, Department of Aviation
Post Office Box 66142
Chicago, Illinois 60666

Re: Runway End Coordinates Determination

As you are aware, on July 22, 2004 the Federal Aviation Administration (FAA) submitted comments to the City of Chicago on the October 2003 Airport Layout Plan (ALP). Some of the comments required further direction from the FAA. The purpose of this letter is to provide direction as it relates to the selection of runway end coordinates to use for the ALP.

Specifically, comment number 82, referencing Sheet #4 – Airport Data Sheet, indicated that the City of Chicago had utilized information contained in a survey completed in October 2001 for the Local Area Augmentation System (LAAS) antenna as the basis for the latitudes and longitudes of the existing and proposed runways. The National Oceanic & Atmospheric Administration (NOAA) also completed a survey of the existing runways in September 2002. In our ALP comments, we indicated that we would continue to review both sources of information and provide direction to the City upon developing a recommendation.

After completing a thorough review of the materials provided by the City of Chicago and FAA information, including a review of field survey sketches performed by NOAA at the time of survey, the FAA has determined that existing and future runway end coordinates should be based on the existing coordinates as documented in the NOAA survey. **Exhibit 1**, attached to this letter, provides the coordinates to be utilized.

We are available to meet with representatives of your office to discuss this information or to provide any technical assistance necessary to facilitate the City's further refinement of the ALP. If you have any questions or need further clarification, please contact either Richard Kula of my office at (847) 294-7507 or myself at (847) 294-7812.

Sincerely,

Barry D. Cooper
Manager, Chicago Area Modernization Program Office

Attachment

Exhibit 1
Chicago O'Hare International Airport
Official Runway End Coordinates

<u>Runway</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation</u>	<u>Length</u>	<u>Width</u>
04L	41-58-53.9589	87-54-50.1033	656	7500	150
22R	41-59-51.1339	87-53-46.9355	648	7500	150
04R	41-57-11.9786	87-53-57.9059	661	8075	150
22L	41-58-11.7183	87-52-47.0752	654	8075	150
09L	41-59-2.0308	87-55-6.066	660	7967	150
27R	41-59-2.0415	87-53-20.5836	650	7967	150
09R	41-58-8.4466	87-55-15.7079	666	10144	150
27L	41-58-8.6525	87-53-1.4234	651	10144	150
14L	42-0-8.766	87-54-55.3249	653	10005	150
32R	41-58-53.058	87-53-30.166	648	10005	150
14R	41-59-25.5667	87-55-59.3033	666	13000	200
32L	41-57-47.2248	87-54-8.6299	649	13000	200