Memorandum

U.S. Department of Transportation
Federal Aviation Administration

Subject: **INFORMATION**: Instrument Flight Rules (IFR) Approval of Expanded Use of Global Positioning System (GPS)

Date: JUL 16 1998

From: Acting Director, Flight Standards Service, AFS-1

Reply to Attn. of:

To: Program Director, Air Traffic Operations, ATO-1
Director, Aircraft Certification Service, AIR-1
Integrated Product Team (IPT) Lead for Aircraft/Avionics, AND-700

This memorandum provides approval for U.S. civil operators, who are operating within the U.S. National Airspace System, to use GPS equipment in lieu of automatic direction finder (ADF) and distance measuring equipment (DME) in domestic en route and terminal operations.

Approval to use certified GPS systems as a substitute for ADF and DME under IFR is restricted to the provisions and conditions described in this memorandum and its attachment, and the applicable aircraft flight manual (AFM), AFM supplement, or pilot operations manual. GPS systems used in lieu of ADF or DME must be approved for terminal IFR operations and must be installed in accordance with appropriate airworthiness installation requirements.

Richard O. Gordon

Attachment

cc: AVN-1
Regional Flight Standards Division Managers
Flight Standards District Offices