

ORDER

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

1830.1B

2/23/95

**SUBJ: POLICY FOR NON-FAA USER AND FOREIGN CORRESPONDENT ACCESS TO
FAA OPERATIONAL TELECOMMUNICATION RESOURCES**

1. **PURPOSE.** This order establishes policy and responsibilities for the control of access to agency operational telecommunication subsystems and circuits by non-FAA entities. The agency subsystems and circuits are referred to as National Airspace System (NAS) telecommunications in this order and include the telecommunications subsystems and circuits associated with oceanic control and FAA operated portions of International Civil Aviation Organization (ICAO) Aeronautical Fixed Services (AFS) and the Aeronautical Telecommunications Network (ATN).
2. **DISTRIBUTION.** This order is distributed to the division level in the Office of the Associate Administrator for Airway Facilities, in the Offices of Air Traffic System Effectiveness, Air Traffic Program Management, Air Traffic System Management, Resource Management, Requirements and Life-Cycle Management, NAS Transition and Implementation, NAS Operations, Operational Support, Spectrum Policy, and International Aviation; the Air Traffic Plans and Requirements, Air Traffic Rules and Procedures, and NAS System Engineering Services; to the branch level in the regional Airways Facilities and Air Traffic Divisions; to the director level at the centers; and a limited distribution to all Air Traffic Field Offices and Airway Facilities sectors.
3. **CANCELLATION.** Order 1830.1A, Access Policy for Non-FAA Users and Foreign Correspondents to the NICS, dated September 16, 1986, is canceled.
4. **BACKGROUND.** FAA has traditionally shared FAA telecommunications assets with other entities to meet FAA requirements and to fulfill ICAO obligations. Rapidly improving communications capabilities, technological advancements, and interoperability requirements are further driving an integration of telecommunications facilities, circuits, and services to meet evolving and increasing requirements and to achieve cost benefits.
5. **EXPLANATION OF CHANGES.** This revision:
 - a. Expands access arrangements involving international voice and data circuits to accommodate the emerging ICAO Communications, Navigation, and Surveillance/Air Traffic Management (CNS/ATM) environment. (The modernization of CNS systems supporting ATM systems will create this environment.)

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b. Includes the National Airspace Data Interchange Network Packet Switched Network (NADIN PSN) which will impact existing access arrangements.

c. Includes specific responsibilities for executing a Memorandum of Agreement (MOA) for non-FAA access to any agency telecommunication subsystem, circuit, or service.

d. Updates organizational titles and terminology.

6. **POLICY.** It is FAA policy to allow the use of NAS telecommunications assets by other governmental agencies of the United States and by domestic and international activities where such use fosters the most effective and efficient use of available resources to further the exchange of aeronautical information and meet requirements.

a. **Other Government Users.** Other government users include those Federal, state, commonwealth, territorial, and municipal entities other than FAA, which are located within the United States and its territories and possessions.

(1) Excess capacity in FAA-funded telecommunication systems or networks provided for future growth may be made available to other government users to meet their requirements. When such capacity is made available, FAA has the right to reclaim all or part of the capacity for NAS use with 6 months written notice. If the arrangement is covered by an MOA, the terms of the MOA take precedence over the 6-month provision.

(2) Any equipment, circuit, installation, connection, or other costs related to access to NAS telecommunications assets shall be borne by the organization whose mission or need is fulfilled, or by the organization receiving the greater benefit from the access arrangement.

b. **Non-Government Users.** These users include domestic commercial activities and international aeronautical organizations. Policy for these users is categorized by the extent of the benefit from that usage realized by FAA.

(1) **Principal Benefit to the User.** This category comprises private business interests in the aviation and air transport industry located within the United States and its territories and possessions. Access to the AFS and the ATN for voice, message, and data exchange is permitted under the following conditions:

(a) Users will pay all costs associated with the access.

(b) Access will be limited to a single access point, unless multiple connections are authorized to support capacity or reliability requirements.

(c) Access to information will be limited to ICAO documentation and other specific information permitted by FAA policy or by U.S. law.

(2) Mutual Benefit to Both FAA and the User. This category of users is comprised of organizations having a designator listed in ICAO Document 8585, Designators for Aircraft Operating Agencies, Aeronautical Authorities and Services, or that possess an operating agreement with FAA and have private business interests in the worldwide aviation and air transport industry involving two-way exchange of aeronautical information. It permits access to the AFS and the ATN for voice, message, and data exchange under the following conditions:

(a) Costs for terrestrial circuits shall be shared. Each entity will pay for its respective local connection charges and its proportion of the total trunk circuit cost, or the cost to a border crossing point, whichever is appropriate.

(b) Access will be limited to a single access point, unless multiple connections are authorized to support capacity or reliability requirements.

(c) Access to information will be limited to ICAO and other specific information permitted by FAA policy or by U.S. law.

(d) Access to foreign locations is restricted to circuits under the operational control of the foreign civil aviation authority, its authorized agent, or an authorized aeronautical communication service provider.

(e) Administrative and technical detail on international circuitry shall be coordinated through the machinery of ICAO as required by the individual situation.

(3) Principal Benefit to FAA. When the access arrangement is primarily to serve the needs of FAA in the fulfillment of its operational mission, the costs shall be borne by FAA. These costs may include pro-rated costs associated with facilities and communications services used by FAA for the delivery of aeronautical information to one or more users.

7. ACCESS AGREEMENTS. An MOA is required for all non-FAA users accessing FAA telecommunications assets.

a. The FAA office responsible for the preparation, negotiation, and ratification of an MOA required by this order are prescribed in paragraph 8. The office responsible for initiating an MOA shall determine the cost impact, if any, on agency resources and coordinate as required with the appropriate resource manager(s).

b. An MOA for non-FAA user access shall include provision for the following:

(1) The applicant assumes responsibility for information obtained as a result of having access and will hold the Government and its officers harmless for any damage which may arise from the use thereof.

(2) The applicant agrees that the granting of access does not give him/her any permanent right to have access. Access may be modified or discontinued at the discretion of FAA.

(3) A provision for discontinuing access if the terms of the MOA are not met should be included.

(4) An MOA should be for no more than a 5-year time period with a specified starting and ending date.

8. RESPONSIBILITIES.

a. Office of Air Traffic System Management. This office shall be responsible for:

(1) Developing any MOA and procedure(s) associated with non-FAA access to operational Air Traffic Services (ATS) voice and air/ground (A/G) data link information.

(2) Coordinating with NAS Operations (AOP) on access arrangements for operational data.

(3) Maintaining accurate documentation and periodic reviews to ensure that access arrangements for operational voice information and A/G data link are consistent with FAA policy and in conformance with current communications procedures. The review process shall contain specific recommendations for dealing with abuse.

b. NAS Operations. This office shall be responsible for:

(1) ~~Developing any MOA~~ and procedure(s) associated with non-FAA access to Air Traffic Services (ATS) nonoperational voice information and operational data and approval of extensions to FAA weather circuits.

(2) Coordinating with Air Traffic System Management on access arrangements for operational data.

(3) Maintaining accurate documentation and periodic reviews to ensure that access arrangements for nonoperational voice information and operational data are consistent with FAA policy and in conformance with current communications procedures. The review process shall contain specific recommendations for dealing with abuse.

c. Office of System Architecture and Program Evaluation (ASD). This office shall be responsible for:

- (1) FAA policy for access to operational voice and data subsystems.
- (2) Communications security policy for networks opened to non-FAA users.

(3) Periodic reviews and updating of this order to ensure conformance with communication system architecture, FAA and ICAO network plans and requirements, ICAO agreements, and FAA system development activities.

d. Regional Offices. Each regional office shall be responsible for:

(1) Referring all non-FAA access requests to the following organizations for action and response to the applicant:

(a) ATM-100 for all operational ATS voice and A/G data link access requests.

(b) AOP-600 for all operational voice and operational data access requests.

(c) AOP-500 for all nonoperational voice and operational data access requests.

(2) Ensuring that technical access arrangements at FAA facilities are in accordance with the MOA.

(3) Performing specific headquarters delegated actions for all approved non-FAA access arrangements.



David R. Hinson
Administrator