

The 7460 Process

Presented by Enrique Sanabria, Aviation Technical Services

05.06.2020

What is a 7460?

- It's a form. Notice of Proposed Construction or Alteration submitted to Federal Aviation Administration (FAA)
- FAA requires submission **at least 45 days prior** to start of project and construction activities
- Required by CFR 14 Part 77

Please Type or Print on This Form

Form Approved OMB No. 2120-0001
Expiration Date: 10/31/2017

U.S. Department of Transportation Federal Aviation Administration		Failure To Provide All Requested Information May Delay Processing of Your Notice Notice of Proposed Construction or Alteration	FOR FAA USE ONLY Aeronautical Study Number		
<p>1. Sponsor (person, company, etc. proposing this action):</p> <p>Attn. _____ of:</p> <p>Name: _____</p> <p>Address: _____</p> <p>City: _____ State: _____ Zip: _____</p> <p>Telephone: _____ Fax: _____</p>		<p>9. Latitude: _____ ° _____ ' _____ "</p> <p>10. Longitude: _____ ° _____ ' _____ "</p> <p>11. Datum: <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 <input type="checkbox"/> Other</p> <p>12. Nearest City: _____ State _____</p> <p>13. Nearest <i>Public-use</i> (not private-use) or Military Airport or Heliport: _____</p>			
<p>2. Sponsor's Representative (if other than #1):</p> <p>Attn. _____ of:</p> <p>Name: _____</p> <p>Address: _____</p> <p>City: _____ State: _____ Zip: _____</p> <p>Telephone: _____ Fax: _____</p>		<p>14. Distance from #13. to Structure: _____</p> <p>15. Direction from #13. to Structure: _____</p> <p>16. Site Elevation (AMSL): _____ ft.</p> <p>17. Total Structure Height (AGL): _____ ft.</p> <p>18. Overall Height (#16 + #17) (AMSL): _____ ft.</p> <p>19. Previous FAA Aeronautical Study Number (if applicable): _____ -OE</p>			
<p>3. Notice of: <input type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing</p> <p>4. Duration: <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary (___ months, ___ days)</p> <p>5. Work Schedule: Beginning _____ End _____</p> <p>6. Type: <input type="checkbox"/> Antenna Tower <input type="checkbox"/> Crane <input type="checkbox"/> Building <input type="checkbox"/> Power Line <input type="checkbox"/> Landfill <input type="checkbox"/> Water Tank <input type="checkbox"/> Other _____</p> <p>7. Marking/Painting and/or Lighting Preferred: <input type="checkbox"/> Red Lights and Paint <input type="checkbox"/> Dual - Red and Medium Intensity <input type="checkbox"/> White-Medium Intensity <input type="checkbox"/> Dual - Red and high Intensity <input type="checkbox"/> White -High Intensity <input type="checkbox"/> Other</p> <p>8. FCC Antenna Structure Registration Number (if applicable): _____</p>		<p>20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map with the precise site marked and any certified survey)</p> <div style="border: 1px solid black; height: 150px; width: 100%;"></div>			
<p>21. Complete Description of Proposal:</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>				<p>Frequency/Power (kW)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 20px;"></td> <td style="width: 50%; height: 20px;"></td> </tr> </table>	

Source: [FAA Form 7460](#)

14 CFR Part 77

Establishes a requirement for anyone proposing to build a structure near an airport to report their intentions to the Federal Aviation Administration (FAA)

- Requires submission of FAA Form 7460
- Initiates FAA Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) Process

Part 77 Notification Requirements

At least 45 days notice must be provided to FAA when construction, alteration or a structure meet any of the following:

- Located on airport property or;
- Penetrates a “Notification Surface” or;
- Exceeds 200+ feet AGL or;
- Generally, within 20,000 feet and a 100:1 slope of an airport or;
- When requested by the FAA

Roles and Responsibilities

Project Manager

- Determines need for 7460
- Corresponds and coordinates with contractors/consultants
- Submits complete project information to ATS
- Accurately determines project needs/Methods and Means
- Initiates coordination of CSPP development with Airport Ops

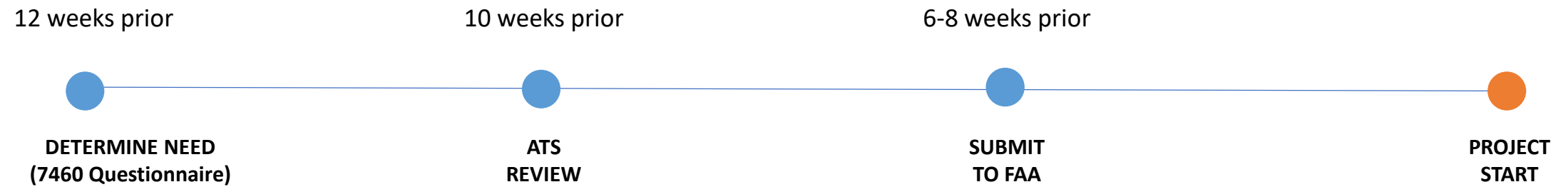
Aviation Technical Services (ATS)

- Reviews 7460 questionnaires
- Analyzes projects for potential conflicts
- Provides guidance on submission strategy
- Submits project information and data to FAA
- Serves as 7460 sponsor and FAA Point of Contact (POC)

Federal Aviation Administration (FAA)

- Ensures safety and efficiency of aircraft operations, and compliance with grant assurances
- Coordinates review by various FAA lines of business
- Can object to projects that adversely impact airport operations
- Issues determination letter

Minimum Project Lead Time



7460 Submittal Requirements

Minimum Requirements¹

- Airport
- Project Description
- TAA, Contract # or Project ID
- Latitude and Longitude (NAD83) in degrees, minutes, seconds
- Site/Ground Elevation (NAVD88)
- Equipment Needs and Max Height
- Project Drawings
- Work Schedule
 - Start and End Date
 - Work hours

Special Requirements

- Construction Safety Phasing Plan (CSPP)
- Line of Sight (LOS) Study
- [Solar Glare Hazard Analysis \(SGHAT\)](#)
- Reimbursable agreement

1. Failure to submit accurate minimum requirements will result in rejection of the submittal by ATS, and/or termination by FAA

Construction Safety And Phasing Plans (CSPP)

- Ensures safety compliance when coordinating construction activities with airport operations
- Developed by Airport Operations. Project Manager is responsible for coordinating with them
- “Should be submitted for FAA approval when the project design is 80 percent to 90 percent complete...Provisions in the CSPP can influence contract cost.”
- Template available

	AIP Funded Projects (Includes partial AIP participation) ¹		PFC Funded Projects (100%)	Non-Federally Funded Projects	
	Part 139	Non-Part 139	Part 139	Part 139	Non-Part 139
Part 77 Notice (Construction Objects) ²					
Within AOA	Required	Required	Required	Required	Required
Outside of AOA ...	Required	Required	Required	Required	Required
Sponsor Preparation and Submittal of a CSPP ³					
Within AOA	Required	Required	Required	Certificate holder must comply with §139 requirements ⁴	Not Required
Outside of AOA ...	Not Required	Not Required	Not Required	Not Required	Not Required
PM Review of CSPP for Conformance to AC 150/5370-2 Standards ⁵					
Within AOA	Required	Required	Not Required ⁶	Not required	Not Required
Outside of AOA ...	Not Required	Not Required	Not Required	Not Required	Not Required
ACSI Review of CSPP for Compliance with Part 139 ⁷					
Within AOA	ACSI Discretion	Not Required	ACSI Discretion	ACSI Discretion	Not Required
Outside of AOA ...	Not Required	Not Required	Not Required	Not Required	Not Required

Sources:

[FAA Advisory Circular 150/5370-2G](#)

[FAA ARP SOP 1.00](#)

Obsolete 7460 Questionnaire

Submission of this form is no longer accepted

PROJECT/TAA NAME AND NUMBER: _____
PROJECT MANAGER/TENANT REP: _____
DATE: _____

**Airport Layout Plan (ALP)
Notice of Proposed Construction/Alteration (7460) & National Environmental Policy Act (NEPA)
Questionnaire**

The following questions will determine the need to submit a FAA Form 7460-1 and NEPA document.
Please answer all questions and return this form to Enrique Sanabria (contact info below).

1. **Project Funding and Airport Layout Plan (ALP)**
- | | | |
|--|-----|----|
| A. Project funded with FAA AIP or PFC monies. | Yes | No |
| B. Project scope modifies current structure(s) on ALP (height or footprint). | Yes | No |
| C. Project scope adds structure(s) on ALP. | Yes | No |

If Yes to A, B or C a 7460-1 form and NEPA document are required, continue to step 5.
If Yes to B or C an ALP change is required, contact Airport Planning (APD) in step 6.
If No, continue to Step 2

2. **Use of Construction Equipment (i.e., cranes, trucks, bulldozers, backhoes, etc.)**
- | | | |
|--|-----|----|
| D. Construction equipment exceeds height of project structure(s). | Yes | No |
| E. Construction equipment to operate within the Air Operations Area (AOA). | Yes | No |
- If Yes to D or E, a 7460-1 form is required, continue to step 5. If No, continue to Step 3

3. **Movement Area Impact (i.e. Runways and Taxiways)**
- | | | |
|--|-----|----|
| F. Project construction has potential to affect the Movement Area. | Yes | No |
| G. Project construction will occur within the Movement Area. | Yes | No |
- If Yes to F or G, a 7460-1 form is required, including a [Construction Safety Plan](#), continue to step 5.
If No, continue to Step 4.

4. **If answered No to all questions, submittal of FAA Form 7460-1 and NEPA document not required.**

5. **Please contact the following ATS staff for instructions on NEPA document submittal:**

Jane Herndon: jherndon@panynj.gov (O) 212-435-3747
Kathryn Lamond: klamond@panynj.gov (O) 212-435-3783

Prepare the information on [Page 2](#) and contact the following ATS staff for the submission of
FAA Form 7460-1:

7460 Submission and Tracking System

- All 7460 submissions must use the new system
- Automated dashboard and email notifications
- Internal users automatically have access
- Clickable Links:

[First-time INTERNAL PA users guide](#)

[First-time EXTERNAL users guide](#)

ATS FAA Form 7460 Submission and Tracking System (Beta)

Home

Submit a new 7460 Questionnaire

Use this form to determine if you need to file FAA Form 7460, an ALP change or a NEPA document

Latest Activity

Filter Data

Activity Report

See Details	Airport	TAA / Project Contract No	TAA / Project Contract Name	Current Status	Last Activity On	Days Since Last Activity	Track History	7460 Needed	Print Confirmation
2019-JFK-0006	JFK	Y-9051	Terminal 4 Delta Gate A4 Upgrades	ATS Reviewing	09/23/2019 02:06 PM	1		✓ Yes	
2019-JFK-0003	JFK	JFK174.023	Installation of Ground Based Augmenta...	In FAA Review	09/17/2019 11:03 AM	7		✓ Yes	
2019-JFK-0005	JFK	M-3807	M-3807	In FAA Review	09/17/2019 10:36 AM	7		✓ Yes	

New 7460 Questionnaire

Notice of Proposed Construction/Alteration (7460) & National Environmental Policy Act (NEPA) Questionnaire






The red asterisk (*) indicates a required field. Click on  next to a field for additional information.

Basic Information

* Date	05/05/2020
* Project Manager / Tenant Rep	Enrique Sanabria
On Behalf Of	<input type="text"/>
* TAA / Project Contract Number	<input type="text"/>
* TAA / Project Contract Name	<input type="text"/>
* Airport	- Select -
Special Project	- Select -

1. Project Funding and Airport Layout Plan (ALP)

- * A. Is this project funded with FAA Airport Improvement Program (AIP) or Passenger-Facility Charges (PFC) monies? Yes No 
- * B. Does the project scope modify the height or footprint of any structure(s) on the ALP? Yes No 
- * C. Does the project add structures that need to be depicted on ALP? Yes No 

2. Use of Construction Equipment

7460 Questionnaire Confirmation

THE PORT AUTHORITY OF NY & NJ

Aviation Technical Services Division (ATS)

7460 Questionnaire Confirmation

Notice of Proposed Construction/Alteration (7460) & National Environmental Policy Act (NEPA) Questionnaire

Request Number	2019-JFK-0006
Date	09/17/2019
Project Manager / Tenant Rep	Vincent Vu
On Behalf Of	Terminal 4 JFK International Airport
TAA / Project Contract Number	Y-9051
TAA / Project Contract Name	Terminal 4 Delta Gate A4 Upgrades
Airport	JFK International Airport (JFK)
Special Project	

1. Project Funding and Airport Layout Plan (ALP)

- A. Is this project funded with FAA Airport Improvement Program (AIP) or Passenger-Facility Charges (PFC) monies? **No**
- B. Does the project scope modify the height or footprint of any structure(s) on the ALP? **No**
- C. Does the project add structures that need to be depicted on ALP? **No**

2. Use of Construction Equipment

- D. Will any construction equipment exceed the height of the project structure or other structures in the vicinity (within 20')? **Yes**
- E. Will this project require construction equipment to operate within the Air Operations Area (AOA)? **Yes**

3. Movement Area Impact

- F. Does the project have the potential to affect the movement area? **No**
- G. Will project construction occur within the movement area? **No**

Conclusion

Based on your responses to the questionnaire:

- Form 7460 **is not required**.
- Form 7460 **is required**, please continue to the 7460 application.
- NEPA Review **may be required**, please continue to the 7460 Application and contact Aviation Environmental for assistance.
- ALP Change **is required**, please continue to the 7460 Application and contact Aviation Planning for assistance.
- Construction Safety Phasing Plan (CSPP) **may be required**, please continue to the 7460 Application and contact Airport Operations to develop and review the CSPP.
- Construction Safety Phasing Plan (CSPP) **is required**, please continue to the 7460 Application and contact Airport Operations to develop and review the CSPP.

Reminder: FAA requires a minimum 45 days to review Form 7460 once submitted.

FAA Review

- Initiates coordinated review by various lines of business (disciplines)
 - Airports Division, Flight Standards, Flight Procedures, NAVAIDS, Air Traffic Control, Technical Operations etc.
 - Review is influenced by structure type
- Typically takes 45 – 60 days, but can take longer
- May request additional information based on initial findings
- Results in a determination letter that states:
 - Determination of No-Hazard
 - Determination of No-Hazard, Conditional No-Objection
 - Determination of Hazard – Must be mitigated before work can proceed

Types of Structures

Temporary

Determinations are good for 18 months or until expiration date.

Examples:

- Cranes
- Towers
- Construction sites

Permanent

Determinations do not expire.

Examples:

- Buildings
- Power Lines
- Light Poles

Survey Accuracy

Accuracy Code	Horizontal Tolerance	Vertical Tolerance
1A	+20 ft (6 m)	+3 ft (1 m)
2B	+50 ft (15 m)	+10 ft (3 m)
3C	+100 ft (30 m)	+20 ft (6 m)
4D (Default)	+250 ft (75 m)	+50 ft (15 m)
5E	+500 ft (150 m)	+125 ft (38 m)

1A survey accuracy recommended. FAA may request a 1A survey accuracy letter which can be obtained from Central Survey

Source: [FAA Order 8260.19H](#)

FAA Determination Letters

- Issued by FAA once all lines of businesses have completed their review/commented
- Specifies requirements for compliance
- Specifies an expiration date
- Includes guidelines for requesting an extension, at least 15 days prior to expiration
- Any equipment or structure that exceeds specified heights require a separate submittal



U. S. Department
of Transportation

Federal Aviation
Administration

New York Airports District Office
1 Aviation Plaza
Jamaica, New York 11434
Telephone: 718-995-5770
Fax: 718-995-5790

December 4, 2017

Mr. Michael Gernant
Port Authority of New York & New Jersey
Aviation Department
Aeronautical & Technical Services
4 World Trade Center
150 Greenwich Street, 18th Floor
New York, NY 10007

Dear Mr. Gernant:

Teterboro Airport (TEB), Teterboro, New Jersey
ASN 2017-AEA-2002 through 2004-NRA (3DAAP #3D11270)
Temporary Construction Equipment for Drainage Improvements

This office has completed the coordinated review of the subject airport development with all interested parties within the Federal Aviation Administration (FAA).

Based on this review, there is a conditional no objection, subject to the following:

1. These cases were filed using the following data, which define the horizontal and vertical limits of the work area:

ASN	Location	Latitude	Longitude	AGL (feet)	AMSL (feet)
2017-AEA-2002-NRA	TETERBORO, NJ	40-50-57.55N	74-03-36.41W	25	29
2017-AEA-2003-NRA	TETERBORO, NJ	40-50-50.75N	74-03-48.11W	25	27
2017-AEA-2004-NRA	TETERBORO, NJ	40-50-25.38N	74-03-43.27W	25	31

NOTE: This proposal, as filed has no Instrument Flight Rules (IFR) impacts/effects.

2. Mark and light construction equipment in accordance with FAA AC150/5210-5D, chapters 4d3 and 5a1. flags and flashing yellow lights.
3. When working within the Runway Safety Area (RSA), the corresponding runway must be closed. Once work is completed and the runway is reopened, no equipment or stockpiled material may remain in the Runway Object Free Area (ROFA).

Final Thoughts

- Consult ATS early on, including for conceptual projects
- Accurately determine your project and equipment needs and coordinate accordingly
- Use ATS Submission and Tracking System
- **At least 10 weeks prior to project start:** Submit all required information through ATS 7460 Submission and Tracking Site to minimize potential for impact on project schedule

Thank You!

 @panynj  @panynj  @panynj www.panynj.gov

Additional References (clickable links)

- [FAA Advisory Circular 70/7460-1L – Obstruction Marking and Lighting](#)
- [FAA Advisory Circular 150/5345-43J, Specification of Obstruction Marking and Lighting](#)
- [FAA Interim Policy for on-airport Solar Panels](#)
- [FAA Policy on Radio Frequencies](#) (refer to Appendix B)
- [ACRP #38 – Understanding Airspace, Objects, and Their Effects on Airports](#)
- [ACRP #195 – Best Practices for Airport Obstruction Management](#)

- [7460 Overview Webinar Recording](#)