

# Notice To Airmen (NOTAM) Information

## 2007 PACIFIC AVIATION DIRECTORS' WORKSHOP

By: Gary Prock

Date: Tuesday March 27, 2007



**Federal Aviation  
Administration**



# Topics

- **Overview of Aeronautical Information Management (AIM)**
- **What is a NOTAM**
- **Types of NOTAM's**
- **NOTAM Criteria**
  - Flight Data Center (FDC)
  - International NOTAM
- **NOTAM Handbook**



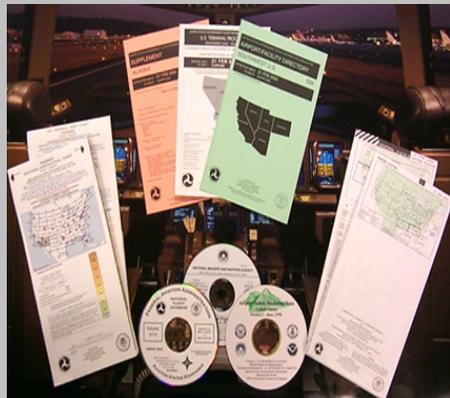
# Topics cont

- **When and How to Issue a NOTAM.**
  - Aeronautical Information System Replacement (AISR)
  - NOTAM Entry System (NES)
- **Airport Management Responsibilities**
- **Overview of the NOTAM System**
- **Questions and Answers**
- **Contact Information**



# Overview of Aeronautical Information Management

- **Aeronautical Information Publications**



Baseline  
(Static Situation)

- **Notice To Airmen**

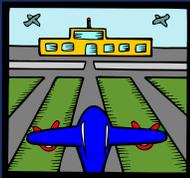
NOTAMS

RESTRICTED  
AIRSPACE ACTIVE  
  
RUNWAY CLOSED

Delta  
(Dynamic Changes)

# What is a NOTAM?

- Notice that the published aeronautical information has changed
- **NOTAM – Notice to Airmen**
  - !HNL 12/018 HNL 4R/22L CLSD TIL 0612060900



+



*Immediately until 06  
Dec 0900 GMT*

+



*4R/22L*

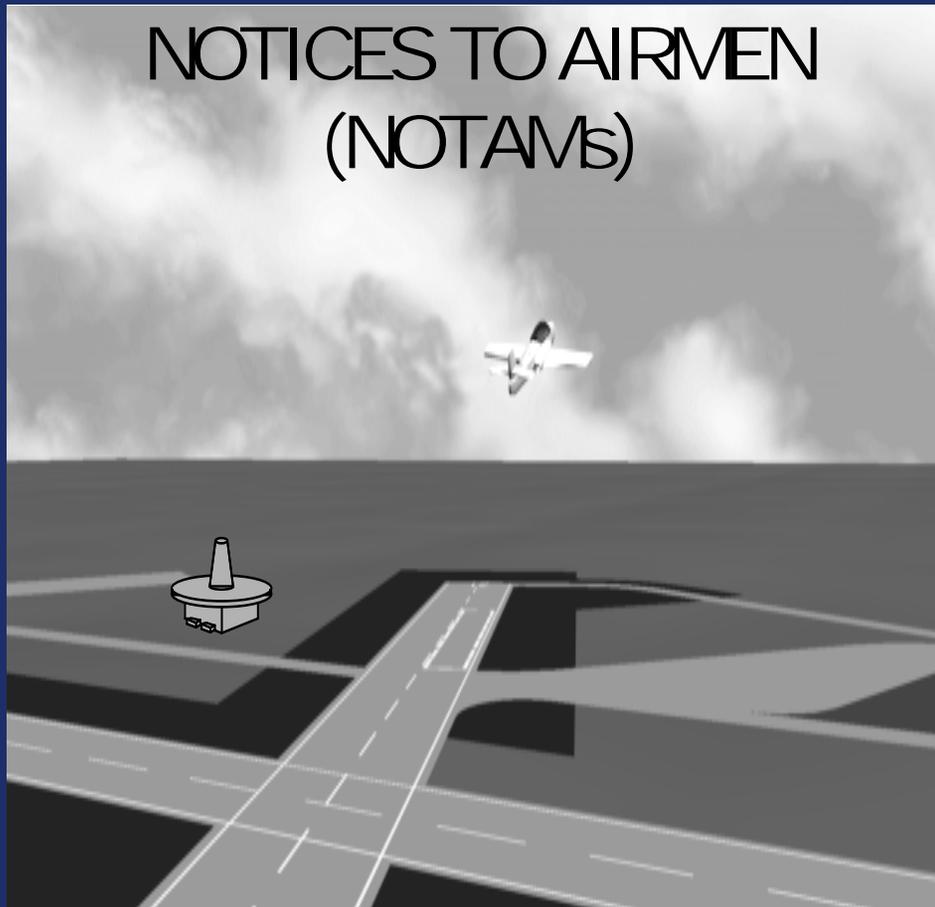
**Aeronautical  
Information  
Identification &  
Operation**

**Period of Validity**

**Geometry**

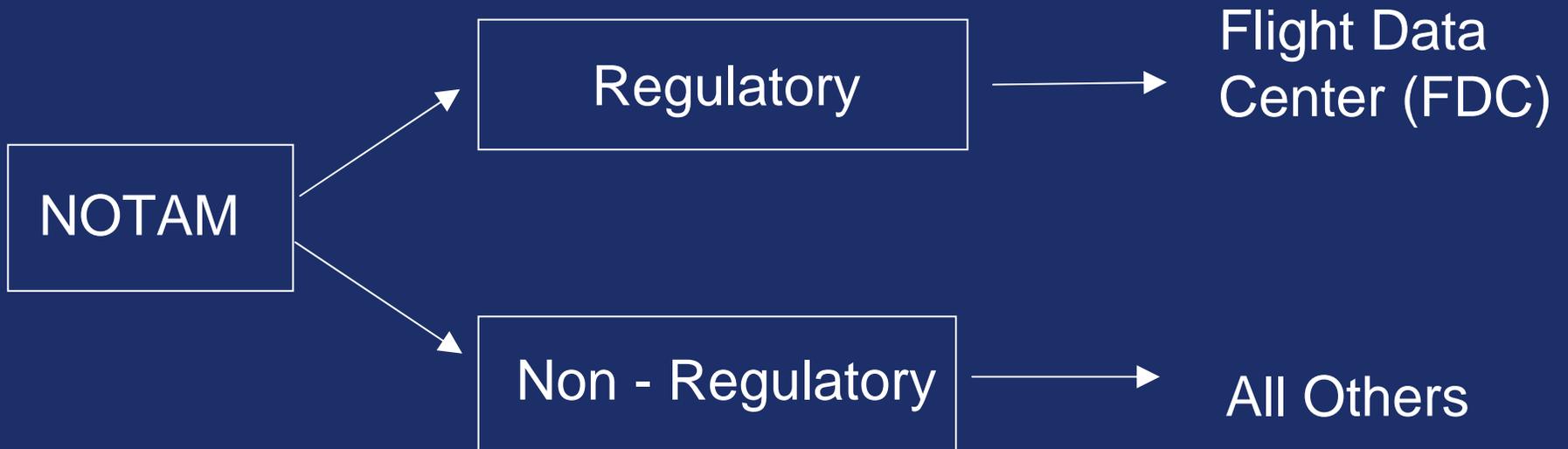
**Message**

**NOTAM information is critical to aviation safety and must be readily available to airmen and others with aviation interest.**



- Critical to Aviation Safety
- Timely
- Accurate
- Relevant
- Plain Language
- Avoid Duplication

# NOTAM Types



# Flight Data Center (FDC) NOTAM

- **Flight information that is regulatory in nature that includes the following:**
  - Interim IFR Flight Procedures
  - Instrument Approach Procedures
  - Disaster Areas
  - Special Events



# NOTAM CRITERIA

- **Movement Area NOTAM'S**
  - Runway Closures and Airport Closures
- **Lighting AID NOTAM'S**
  - Runway Lights / Approach Lights / Obstruction Lights / Airport Rotating Beacons
- **NAVAID NOTAM'S**
  - VORTAC / ILS / RADAR outages
- **Communications**
  - ATIS / RCO
- **SERVICES**
  - Hours of Operation and Fuel Unavailability



# International NOTAM

- International NOTAMs transmitted and received by the US NOTAM Office (USNOF) are stored in the US NOTAM System (USNS) .

• Example:

```
201009 PGUM
(A0110/06 NOTAMN
A) PGUM
B) WIE
C) UFN
E) QNTXX NIMITZ /UNZ/ VORTAC 200-236 RADIAL UNUSABLE BEYOND
14 NM BLW 7000 FT )
^^ NOCC TS 770-210-7491, PER FLT CHR NS7/LH REQ.
```

```
152142 PGUM
(A0171/06 NOTAMR A0104/06
A) PGUM
B) WIE
C) UFN
E) QNTCF UNZ FREQ CHG 115.8/CH 105
)
^^
PER DC - FOCC
```

```
200604 PGUM
(A0215/06 NOTAMN A) PGUM B) WIE C) UFN
E) QMRXX
LEFT EDGE OF APPROACH END R24L NOT VISIBLE FROM TOWER
)
^^
06-030900
AUTHOR: JUAN REYES/JJ/PGUM/671-888-8082
MANAGER: GERARD E. BAUTISTA/PGUM/671-888-6879
AUTHOR COMMENTS: COORDINATED WITH GUAM FAA RICHARD STORACI
USNOF COMMENTS:
```

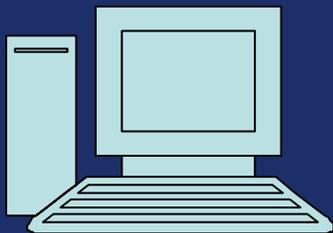
```
NOTAMS FOUND 6
00:00:00 ELAPSED TIME
END OF REPORT
```

# NOTAM Handbook

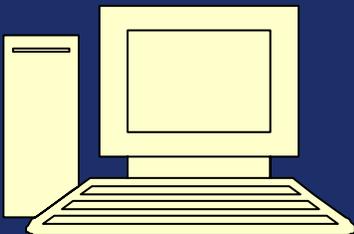
- **FAA Order 7930.2 prescribes procedures used to obtain, format, and disseminate information on unanticipated or temporary changes to components of or hazards in the National Airspace System until the associated aeronautical charts and related publications have been amended.**
- **The NOTAM system is not intended to advertise data already published or charted.**
- **7930.2 Available on the WEB at [www.faa.gov/atpubs](http://www.faa.gov/atpubs)**



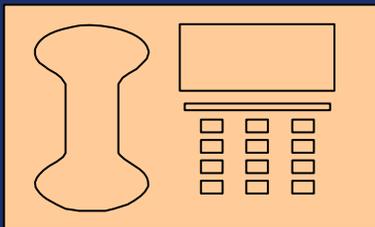
# How to issue a NOTAM (In the USA)



- Aeronautical Information System Replacement  
– WEB Based



- NOTAM Entry System  
– Form Based entry



- Phone Call to the U.S. NOTAM Office

# Airport Management Responsibilities

- **Airport management is responsible for observing and reporting any changes to the condition of any movement area.**
- **In the absence of an airport manager a list of authorized designees shall be provided**
- **Specific airport management responsibilities are outlined in 14 CFR Parts 139 and 157.**



# Overview of the NOTAM System

- The system for disseminating aeronautical information is made up of two subsystems, the Airmen's Information System (AIS) and the NOTAM System.
- The AIS consists of charts and publications.
- The NOTAM system is a telecommunication system that stores, numbers, and disseminates NOTAMS
- The United States NOTAM Office (USNOF) has the responsibility for:
  - Operating/monitoring/checking format of a NOTAM
  - Issuing FDC NOTAM pertaining to changes in Departure Procedures (DP) and Standard Terminal Arrivals (STAR)
  - Providing consultation when questions arise
  - Managing the agency's aeronautical information database



# Overview continued

- **Future Direction for AIM**
  - NOTAM is a NOTAM
- Data Quality must start at the beginning of the process (survey) and must be maintained
  - Trace-ability of data source and modification
  - Chain-of-Custody
- Aeronautical Information Exchange Model (AIXM)
- Digital NOTAM Prototype
  - Direct to the Cockpit



# Specific Issues or Concerns

## Questions

and

## Answers



# Where to Get More Information

- Contact me via email at [gary.prock@faa.gov](mailto:gary.prock@faa.gov)
- Contact the USNOF at  
(country code) **1-703-904-4557**  
**24 hours**



# Training

- **Back up Slides**



AISR - Microsoft Internet Explorer provided by EDS COE

File Edit View Favorites Tools Help

# Aeronautical Information System Replacement

User ID

Password

Submit

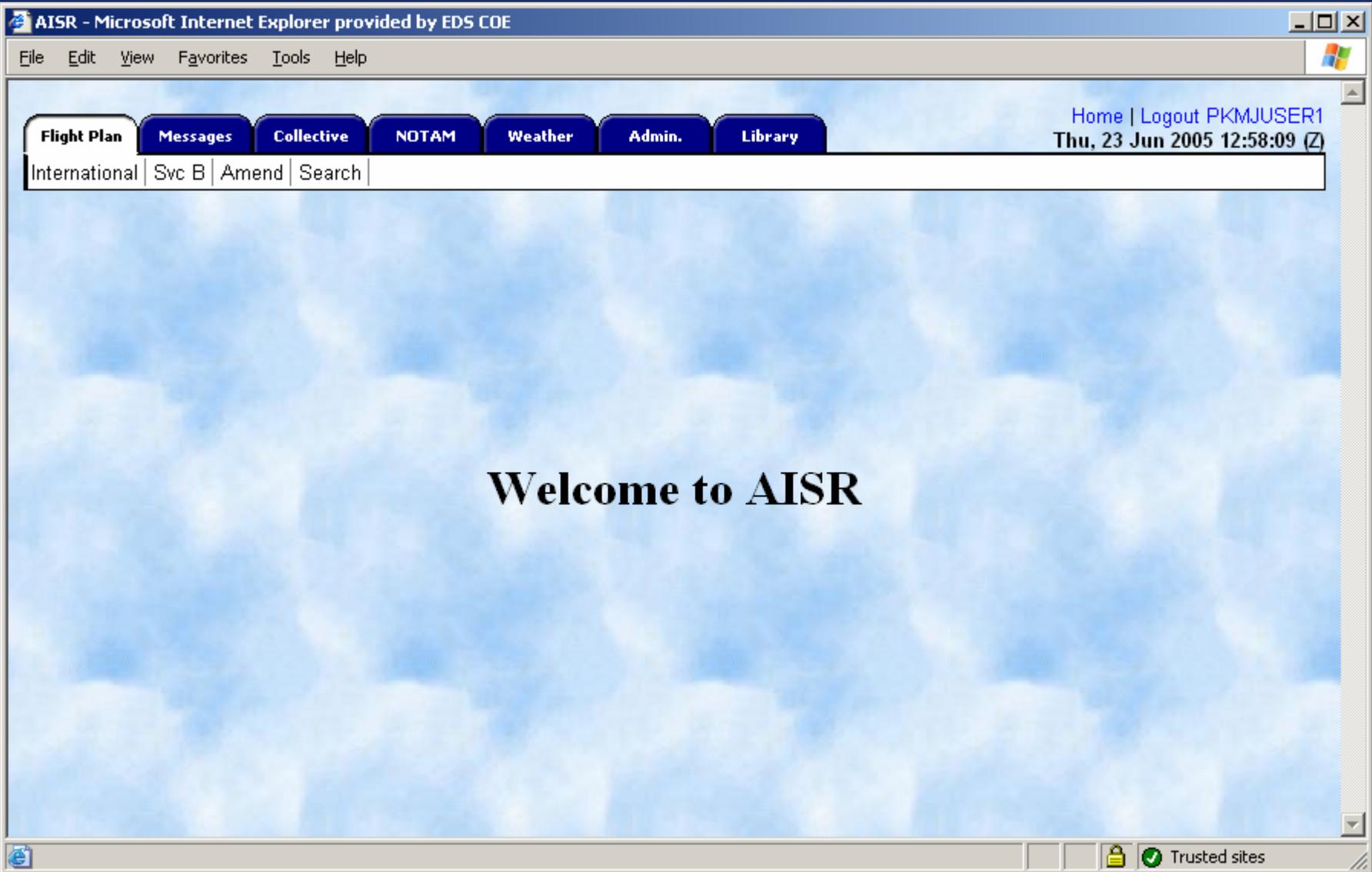
## WARNING

This is an U.S. Government protected system. **Loss of human life may result from service interruption.** Only authorized users performing authorized activities may use this system. Anyone using this system is subject to having their activities intercepted, monitored, recorded, captured, audited, and disclosed. Anyone's activities may be intercepted, monitored, recorded, captured, audited, or disclosed in any manner by authorized personnel, while reviewing the activities of other users. Anyone using this system consents to such interception, monitoring, recording, capturing, auditing, and disclosure, for any lawful purpose. All information, obtained or disclosed by any of the above methods, can be used as evidence for administrative or civil action, and/or criminal prosecution.

**ATTENTION:** Unauthorized connections to AISR is a violation of FAA Orders and Federal Law. The program office will implement security measures to block automated connections and will report unauthorized activities to proper authorities.

Done Trusted sites





AISR - Admin - Microsoft Internet Explorer provided by EDS COE

File Edit View Favorites Tools Help

Home | Logout PKMJUSER1  
Thu, 23 Jun 2005 12:59:39 (Z)

Flight Plan Messages Collective NOTAM Weather Admin. Library

Change Password

**System Information**  
Server (ID): PROD13 (15)  
AISR Version: 3.1.0.6p

**User Information**  
User Name: PKMJUSER1  
Operator's Initials: [Not Set]  
Role: ICAO User  
Facility: PKMJ  
ICAO Address: PKMJYAYX  
Mail Poll Time: 5

Done Trusted sites



AISR - Microsoft Internet Explorer provided by EDS COE

File Edit View Favorites Tools Help

Flight Plan Messages Collective NOTAM Weather Admin. Library Home | Logout PKMJUSER1 Thu, 23 Jun 2005 13:03:02 (Z)

AISR Help

# AISR Library

## AISR Information

- [AISR Release Notes](#)
- [WSI Weather Graphics](#)

## FAA Information

- [FAA NOTAMS](#)  
Note: Requires Security Certificate and Userid/Password
- [Aeronautical Information Manual](#)
- [FAA Air Traffic Publications](#)

## National Weather Service Links

- [NOAA - National Weather Service](#)

## User Guide Information

- [International Flight Plan User Guide](#)
- [Service B User Guide](#)
- [Search Flight Plan User Guide](#)
- [Messages User Guide](#)
- [Collective User Guide](#)
- [Query USNS User Guide](#)
- [AISR Location Weather User Guide](#)
- [AISR PIREP Entry User Guide](#)

Trusted sites





- Flight Plan
- Messages
- Collective
- NOTAM**
- Weather
- Admin.
- Library

[Home](#) | [Logout PKMJUSER1](#)  
Thu, 23 Jun 2005 13:05:26 (Z)

Query USNS | NES | Request NES Certificate |

# Welcome to AISR



## COLLECTIVE RESULTS - PGUM TEST

### \*\*\*\*\* PGUM SA- SURFACE OBSERVATION \*\*\*\*\*

METAR PGUM 231254Z 08007KT 10SM CLR 28/24 A2990 RMK AO2 SLP118  
TO2780244=

### \*\*\*\*\* PHNL SA- SURFACE OBSERVATION \*\*\*\*\*

METAR PHNL 231253Z 00000KT 10SM BKN040 26/19 A3002 RMK AO2 SLP166  
TO2560194  
=

### \*\*\*\*\* PANC SA- SURFACE OBSERVATION \*\*\*\*\*

METAR PANC 231253Z 18005KT 10SM SCT070 BKN100 OVC120 12/07 A2997 RMK  
AO2 SLP148 TO1170072  
=

### \*\*\*\*\* PGUM NO- NOTAM \*\*\*\*\*

A0354/04 NOTAMN  
A) PGUM  
B) 0411022200  
C) UFN  
E) QMRLC 06R/24L

A0133/05 NOTAMN  
A) PGUM  
B) WIE  
C) 0507062359  
E) QXXXX UNLIGHTED TOWER 453 AMSL (433 AGL) 5 NM SOUTH  
OF ARPT.

A0132/05 NOTAMC A0131/05  
A) PGUM



NOTAM Entry System (NES) - Microsoft Internet Explorer UNCLASSIFIED

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Home Mail Print Web Address Bar Go

Address <https://www.nestest61.notams.faa.gov/nesv3/index.html> Go



**FAA NOTAM  
Entry System  
(NES)**

[Logon](#)  
[Register User](#)

[Help](#)  
[Support](#)  
[FAQ](#)

[Disclaimer](#)

## NOTAM Entry System Logon

Welcome USNOF!

Please enter your initials:  Password:

Done Internet





### FAA NOTAM Entry System (NES)

Welcome USNOF (DR)

#### User Profile

- [91.137 Form](#)
- [91.141 Form](#)
- [SNW GP](#)
- [Draft NOTAM](#)
- [ICAO Form](#)

- [Work List](#)
- [NOTAM List](#)
- [NOTAM Daily](#)
- [FDC Checklist](#)

- [Location Lookup](#)
- [Encode](#)
- [Decode](#)

## ICAO Form

Work Number: not assigned

Work State: Initial draft

Disposition

Q-Code Q)  [Derive Q-Code](#)

Location A)

Effective Time B)   UTC (Leave blank for "Enter Immediately")

Ending Time C)   UTC

Daily Times D)

#### Text E)



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**FAA NOTAM Entry System (NES)**

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Welcome USNOF (DR)

User Profile

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## ICAO Form

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Work Number: not assigned

Work State: Initial draft

---

Disposition:  ▼

Q-Code (Q):  ▼ [View Q-Code](#)

Location (A):  ▼

Effective Time (B):  ▼ UTC (Leave blank for "Enter Immediately")

Ending Time (C):  ▼ UTC

Daily Times (D):

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Text (E)

Internet





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Work Number: not assigned

Work State: Initial draft

Disposition

Q-Code Q)  [Derive Q-Code](#)

Location A)

Effective Time B)  UTC (Leave blank for "Enter Immediately")

Ending Time C)  UTC

Daily Times D)

### Text E)





## Q-CODE 2nd & 3rd Letters

## Q-CODE 4th & 5th Letters

- [LV](#) VISUAL APPROACH SLOPE INDICATOR
- [LW](#) HELIPORT LIGHTING
- [LX](#) TAXIWAY CENTER LINE LIGHTS
- [LY](#) TAXIWAY EDGE LIGHTS
- [LZ](#) RUNWAY TOUCH DOWN ZONE LIGHTS
- [Top](#)

### **M** Movement and Landing Area

- [MA](#) MOVEMENT AREA
- [MB](#) BEARING STRENGTH
- [MC](#) CLEARWAY
- [MD](#) DECLARED DISTANCES
- [MG](#) TAXIING GUIDANCE SYSTEM
- [MH](#) RUNWAY ARRESTING GEAR
- [MK](#) PARKING AREA
- [MM](#) DAYLIGHT MARKINGS
- [MN](#) APRON
- [MP](#) AIRCRAFT STANDS
- [MR](#) RUNWAY
- [MS](#) STOPWAY
- [MT](#) THRESHOLD
- [MU](#) RUNWAY TURNING BAY
- [MW](#) STRIP
- [MX](#) TAXIWAY
- [Top](#)

File

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https://www.nestest61.notams.faa.gov - NC UNCLASSIFIED Microsoft Internet Explorer provide...

## Q-CODE 2nd & 3rd Letters

- [LV](#) VISUAL APPROACH SLOPE INDICATOR
- [LW](#) HELIPORT LIGHTING
- [LX](#) TAXIWAY CENTER LINE LIGHTS
- [LY](#) TAXIWAY EDGE LIGHTS
- [LZ](#) RUNWAY TOUCH DOWN ZONE LIGHTS
- [Top](#)

### **M** Movement and Landing Area

- [MA](#) MOVEMENT AREA
- [MB](#) BEARING STRENGTH
- [MC](#) CLEARWAY
- [MD](#) DECLARED DISTANCES
- [MG](#) TAXIING GUIDANCE SYSTEM
- [MH](#) RUNWAY ARRESTING GEAR
- [MK](#) PARKING AREA
- [MM](#) DAYLIGHT MARKINGS
- [MN](#) APRON
- [MP](#) AIRCRAFT STANDS
- [MR](#) RUNWAY
- [MS](#) STOPWAY
- [MT](#) THRESHOLD
- [MU](#) RUNWAY TURNING BAY
- [MW](#) STRIP
- [MX](#) TAXIWAY
- [Top](#)

## Q-CODE 4th & 5th Letters

### **MR** RUNWAY

- [AD](#) AVAILABLE FOR DAYLIGHT OPERATIONS
- [AH](#) HOURS OF SERVICE ARE
- [AM](#) MILITARY OPERATIONS ONLY
- [AN](#) AVAILABLE FOR NIGHT OPERATIONS
- [AP](#) PRIOR PERMISSION REQUIRED
- [AR](#) AVAILABLE, PRIOR PERMISSION REQUIRED
- [AW](#) COMPLETELY WITHDRAWN
- [CL](#) REALIGNED
- [CM](#) DISPLACED
- [CS](#) INSTALLED
- [HW](#) WORK IN PROGRESS
- [LB](#) RESERVED FOR AIRCRAFT BASED THEREIN
- [LC](#) CLOSED
- [LH](#) UNSERVICEABLE FOR AIRCRAFT HEAVIER THAN
- [LI](#) CLOSED TO IFR OPERATIONS
- [LL](#) USABLE FOR LENGTH OF AND WIDTH OF
- [LN](#) CLOSED TO ALL NIGHT OPERATIONS
- [LT](#) LIMITED TO
- [LV](#) CLOSED TO VFR OPERATIONS

### **MS** STOPWAY

- [AW](#) COMPLETELY WITHDRAWN
- [CS](#) INSTALLED

https://www.nestest61.notams.faa.gov/qcode/qcode45M.html#45MMR



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Welcome USNOF (DR)

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## ICAO Form

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Work Number: not assigned
Work State: Initial draft

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Disposition

Q-Code Q)  [Derive Q-Code](#)

Location A)

Effective Time B)   UTC (Leave blank for "Enter Immediately")

Ending Time C)   UTC

Daily Times D)

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Text E)

Internet



NOTAM Entry System (NES) - Microsoft Internet Explorer

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Work Number: not assigned      Work State: Initial draft

Disposition:

Q-Code Q)

Location A)

Effective Time B)

Ending Time C)

Daily Times D)

Text E)

https://www.n...

June 2005

Mo	Tu	We	Th	Fr	Sa	Su
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

Time:

All times must be in UTC.



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**Disposition**  ▼

**Q-Code Q)**  [Derive Q-Code](#)

**Location A)**

**Effective Time B)**   (Leave blank for "Enter Immediately")

**Ending Time C)**

**Daily Times D)**

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**Text E)**

start | 2 Internet Explorer | Microsoft PowerPoint ... | Macromedia Firework... | 8:07 AM



NOTAM Entry System (NES) - Microsoft Internet Explorer UNCLASSIFIED

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**Work Number:** not assigned **Work State:** Initial draft

---

**Disposition**

**Q-Code (Q)**

**Location A)**

**Effective Time B)**

**Ending Time C)**

**Daily Times D)**

**Text E)**

https://www.n...

June 2005

Mo	Tu	We	Th	Fr	Sa	Su
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

Time:

All times must be in UTC.

Internet



NOTAM Entry System (NES) - Microsoft Internet Explorer UNCLASSIFIED

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**Disposition**

**Q-Code Q)**  [Derive Q-Code](#)

**Location A)**

**Effective Time B)**   (Leave blank for "Enter Immediately")

**Ending Time C)**

**Daily Times D)**

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**Text E)**

19L

Internet





## FAA NOTAM Entry System (NES)

Welcome  
USNOF (DR)

### User Profile

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## Draft NOTAM Preview

Work Number: 05-090071

Work State: Initial draft

[Return to Draft](#)

[TFRMAP](#)

[Print](#)

ANNNN/YY NOTAMN

A) PTYA  
B) 0506220900 UTC  
C) 0506241500 UTC  
E) QMRLC 19L  
^^

05-090071

AUTHOR: DAN REESE/DR/USNOF/703-904-4578

MANAGER: ARTHUR KLASSEN/USNOF/703-904-4525

AUTHOR COMMENTS:

USNOF COMMENTS:

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