

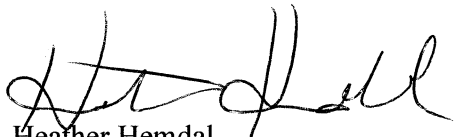
CHANGE**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION****JO 7110.66D
CHG 2****Effective Date:**
March 31, 2014**SUBJ:** FAA JO 7110.66D, National Beacon Code Allocation Plan (NBCAP)

- 1. Purpose of This Change.** This change transmits revised pages to Federal Aviation Administration Order JO 7110.66D, National Beacon Code Allocation Plan (NBCAP).
- 2. Audience.** This directive applies to the following ATO service units: Air Traffic Services, System Operations Services, including the David J. Hurley Air Traffic Control System Command Center, the Directors of Tactical Operations, traffic management officers, System Operations Security, Flight Services Program Operations, the Alaska Flight Services Information Area Group, FAA contract ATC service providers and all ATC facilities; select offices and services within Washington headquarters; the William J. Hughes Technical Center; Mike Monroney Aeronautical Center; and Department of Defense.
- 3. Where Can I Find This Change?** This change is available on the MYFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices/ and on the air traffic publications Web site at http://www.faa.gov/air_traffic/publications.
- 4. Explanation of Policy Change.** This change amends Appendix A: National Beacon Code Allocation Summary, TBL A-1, as follows:

1205	Reserved for use by VFR Helicopters within the Los Angeles region not in contact with ATC.
1206	Reserved for use by VFR Law enforcement/First Responder Helicopters within the Los Angeles region not in contact with ATC.
1207-1272	Discrete 1200 series codes, unless otherwise allocated (e.g., 1255), designated for DVFR aircraft and only assigned by FSS.
4447-4452	Reserved for special use by FAA

- 5. Distribution.** This order is distributed to select offices in Washington Headquarters, Service Area Directors, the William J. Hughes Technical Center, the Mike Monroney Aeronautical Center, all air traffic control facilities, and all flight standards and international aviation field offices.
- 6. Background.** The FAA has reserved two discrete codes to be used by visual flight rules (VFR) helicopter operators on a voluntary basis in the Los Angeles region.

7. **Disposition of Transmittal.** Retain this transmittal until superseded by a new basic order.
8. **Page Control Chart.** See the page control chart attachment.

A handwritten signature in black ink, appearing to read 'Heather Hemdal', is positioned above the printed name.

Heather Hemdal
Director, Air Traffic Procedures
Air Traffic Organization

03/31/14

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PAGE CONTROL CHART

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REMOVE PAGES		DATED	INSERT PAGES		DATED
Appendix A, page A-1		03/07/12	Appendix A, page A-1		03/31/14

7110.66D – Appendix A. Change 2

Table A-1 National Beacon Code Allocation Summary

0100-0400	Allocated to Service Area Operations for assignment for use by Terminal/CERAP/Industry/Unique Purpose/Experimental Activities
1200	Visual Flight Rules (VFR) aircraft not in radio contact with an ATC Facility
1201	Assigned via FAR 93.95 for use by VFR aircraft in the immediate vicinity of LAX.
1202	Reserved for use by VFR Gliders not in contact with ATC.
1205	Reserved for use by VFR Helicopters within the Los Angeles region not in contact with ATC.
1206	Reserved for use by VFR Law enforcement/First Responder Helicopters within the Los Angeles region not in contact with ATC.
1207-1272	Discrete 1200 series codes, unless otherwise allocated (e.g., 1255), designated for DVFR aircraft and only assigned by FSS.
1255	Firefighting aircraft
1273-1275	Calibration performance monitoring equipment (CPME), MRSM, and PARROT transponders
1276	Air Defense Identification Zone (ADIZ) penetration when unable to establish communication with ATC or aeronautical facility
1277	Designated search and rescue (SAR) aircraft
0100-0700, 1000, 1100, 1300, 1500, 2000*, 2100, 2200, 2300, 2400, 4000	Non-discrete code assignments in accordance with FAA Order 7110.65, 5-2 *Also for use in oceanic airspace, unless another code is assigned by ATC
3000	Non-discrete code 3000 assigned for use for ADS-B development at ZHU
4400	SR-71, F-12, U-2, B-57, pressure suit flights and aircraft operations above FL 600 in accordance with FAA Order 7110.65, paragraph 5-2-10
4401-4433, 4466-4477	Reserved in accordance with FAA Order 7110.67G (Fed law enforcement)
4434-4437	Weather reconnaissance, as appropriate
4440-4441	Operations above FL600 for Lockheed/NASA from Moffett Field
4442-4446	Operations above FL600 for Lockheed from Air Force Plant 42
4447-4452	Reserved for special use by FAA
4453	High balloon operations – National Scientific Balloon Facility, Palestine TX, and other providers, some in international operations
4454-4465	Air Force operations above FL600 as designated in FAA Order 7610.4
5100-5300	May be used by DOD aircraft beyond radar coverage but inside U.S. controlled airspace with coordination as appropriate with applicable Area Operations Directorate. Any codes used by DOD aircraft outside U.S. controlled airspace need to be coordinated with the applicable flight information region(s) (FIR) air traffic authorities.
5000, 5400, 6100, 6400, 7501-7577	Reserved for use by DOD. The use of these code blocks can only be authorized and/or assigned by Continental NORAD Region (CONR); 601 st Air Operations Center (AOC) Airspace Specialty Team, Tyndall Air Force Base, Florida.
5061-5062, 5100, 5200,	Reserved for special use by Potomac TRACON
7601-7607, 7701-7707	Reserved for special use by FAA
7500	Hijack in accordance with FAA Order 7610.4
7600	Radio Failure in accordance with FAA Order 7110.65
7700	Emergency in accordance with FAA Order 7110.65
7777	DOD interceptor aircraft on active air defense missions and operating without ATC clearance in accordance with FAA Order 7610.4

03/06/14

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0500, 0600, 0700, 1000, 1100, 1300, 1400, 1500, 1600, 1700, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 4000, 4100, 5600, 5700, 6000, 6200, 6300, 6500, 6600, 6700, 7000, 7100, 7200, 7300, 7400, 7610-7676, 7710- 7776	External ARTCC subsets (Discrete codes of blocks only except for first primary block, which is used as the ARTCC's non-discrete code if all discrete codes are assigned.)
0000, 4200, 4300, 4500, 4600, 4700, 5100, 5200, 5300, 5500	Internal ARTCC subsets assigned by Air Traffic Procedures Group (Discrete codes only except for first primary block to be used as non-discrete if all discrete codes are assigned.)

Exceptions for operational need are approved by Air Traffic Procedures Group AJV-8

CHANGE**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION****JO 7110.66D
CHG 1****Effective Date:**
March 7, 2012**SUBJ:** FAA JO 7110.66D, National Beacon Code Allocation Plan (NBCAP)

- 1. Purpose of This Change.** This change transmits revised pages to Federal Aviation Administration Order JO 7110.66D, National Beacon Code Allocation Plan (NBCAP).
- 2. Audience.** This directive applies to the following ATO service units: En Route and Oceanic, Terminal, System Operations Services, including the David J. Hurley Air Traffic Control System Command Center, the Directors of Tactical Operations, traffic management officers, System Operations Security, Flight Services Program Operations, the Alaska Flight Services Information Area Group, FAA contract ATC service providers and all ATC facilities; select offices and services within Washington headquarters; the William J. Hughes Technical Center; Mike Monroney Aeronautical Center; and Department of Defense.
- 3. Where Can I Find This Change?** This change is available on the MYFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices/ and on the air traffic publications Web site at http://www.faa.gov/air_traffic/publications.
- 4. Explanation of Policy Change.** This change amends Appendix A: National Beacon Code Allocation Summary, TBL A-1, as follows:

1201	Assigned via FAR 93.95 for use by VFR aircraft in the immediate vicinity of LAX.
1202	Reserved for use by VFR Gliders not in contact with ATC.
1203-1272	Discrete 1200 series codes, unless otherwise allocated (for example, 1255), designated for DVFR aircraft and only assigned by FSS.

- 5. Distribution.** This order is distributed to select offices in Washington Headquarters, Service Area Directors, the William J. Hughes Technical Center, the Mike Monroney Aeronautical Center, all air traffic control facilities, and all flight standards and international aviation field offices.
- 6. Background.** Due to several incidents, an accident, and a National Transportation Safety Board (NTSB) recommendation, it was determined that there was a need for a national beacon code for gliders that are operating VFR and not in contact with ATC. Beacon code 1202 is now available and is being reserved for VFR gliders.
- 7. Disposition of Transmittal.** Retain this transmittal until superseded by a new basic order.
- 8. Page Control Chart.** See the page control chart attachment.

03/07/12

JO 7110.66D
CHG 1



Heather Hemdal
Director, En Route and Oceanic Safety
and Operations Support
Air Traffic Organization

Date Signed

03/07/12

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CHG 1

PAGE CONTROL CHART

JO 7110.66D CHG 1

03/07/12

REMOVE PAGES	DATED	INSERT PAGES	DATED
Appendix A, page A-1.....	11/16/09	Appendix A, page A-1.....	03/07/12

Appendix A. National Beacon Code Allocation Summary

TBL A-1

National Beacon Code Allocation Summary

0100-0400	Allocated to Service Area Operations for assignment for use by Terminal/CERAP/Industry/Unique Purpose/Experimental Activities
1000	Used exclusively by ADS-B aircraft to inhibit Mode 3A transmit
1200	Visual Flight Rules (VFR) aircraft not in radio contact with an ATC
1201	Assigned via FAR 93.95 for use by VFR aircraft in the immediate
1202	Reserved for use by VFR Gliders not in contact with ATC.
1203-1272	Discrete 1200 series codes, unless otherwise allocated (for example, 1255), designated for DVFR aircraft and only assigned by FSS.
1255	Fire fighting aircraft
1273-1275	Calibration Performance Monitoring Equipment (CPME) "Parrot"
1276	Air Defense Identification Zone (ADIZ) penetration when unable to establish communication with ATC or aeronautical facility
1277	Designated Search and Rescue (SAR) aircraft
0100-0700, 1000, 1100, 1300, 1500, 2000*, 2100, 2200, 2300, 2400,	Non-discrete code assignments in accordance with FAA Order JO 7110.65, 5-2 *Also for use in oceanic airspace, unless another code is assigned by ATC
4400	SR-71, F-12, U-2, B-57, pressure suit flights and aircraft operations above FL 600 in accordance with FAA Order JO 7110.65, Chapter 5, Section 2
4401-4433, 4466-4477	Reserved in accordance with FAA Order JO 7110.67 (Fed Law
4434-4437	Weather reconnaissance, as appropriate
4440-4441	Operations above FL600 for Lockheed/NASA from Moffett Field
4442-4446	Operations above FL600 for Lockheed from Air Force Plant 42
4447-4452	Operations above FL600 for SR-71/U-2 operations from Edwards AFB
4453	High balloon operations – National Scientific Balloon Facility, Palestine TX, and other providers, some in international operations
4454- 4465	Air Force operations above FL600 as designated in FAA Order 7610.4
5100-5300	May be used by DOD aircraft beyond radar coverage but inside U.S. controlled airspace with coordination as appropriate with applicable Area Operations Directorate. Any codes used by DOD aircraft outside U.S. controlled airspace need to be coordinated with the applicable Flight
5000, 5400, 6100, 6400, 7501-7577	Reserved for use by DOD. The use of these code blocks can only be authorized and/or assigned by Continental NORAD Region (CONR); 601st Air Operations Center (AOC) Airspace Specialty Team, Tyndall
5061-5062, 5100, 5200	Reserved for special use by Potomac TRACON
7601-7607, 7701-7707	Reserved for special use by FAA
7500	Hijack in accordance with FAA Order JO 7610.4
7600	Radio Failure in accordance with FAA Order JO 7110.65
7700	Emergency in accordance with FAA Order JO 7110.65



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Air Traffic Organization Policy

ORDER
JO 7110.66D

Effective Date
11/16/09

SUBJ: National Beacon Code Allocation Plan (NBCAP)

- 1. Purpose of This Order.** This order prescribes procedures and functional responsibilities for the use of Mode 3/A of the Air Traffic Control Radar Beacon System. It applies to all air traffic control (ATC) facilities that provide services in United States (U.S.) domestic, oceanic, and arctic airspace.
- 2. Audience.** This directive applies to the following ATO service units: En Route and Oceanic, Terminal, System Operations Services, including the David J. Hurley Air Traffic Control System Command Center, the Directors of Tactical Operations, traffic management officers, System Operations Security, Flight Services Program Operations, the Alaska Flight Services Information Area Group, FAA contract ATC service providers and all ATC facilities; select offices and services within Washington headquarters; the William J. Hughes Technical Center; Mike Monroney Aeronautical Center; and Department of Defense.
- 3. Where Can I Find This Order?** This order is available on the MyFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices/.
- 4. Cancellation.** This cancels Federal Aviation Administration (FAA) Order 7110.66C, National Beacon Code Allocation Plan, dated March 1, 2007.
- 5. Explanation of Policy Changes.** This revision amends the NBCAP, Appendix 1, with beacon code allocation changes made since March 1, 2007, to include the following assignments: code 1000 for use by ADS-B aircraft to inhibit Mode 3A transmit; code 1201 for use by Visual Flight Rules (VFR) gliders not in contact with ATC; codes 4466 – 4477 for federal law enforcement; and code 4454 – 4465 for Air Force operations above FL600. It amends Jacksonville Air Route Traffic Control Center's (ARTCC) EP-1 code to 0700 for assignment by HOST and assigns code 1000 as EP-2. Clarifications of definitions and responsibilities are added to various paragraphs throughout the order.
- 6. Concept.**
 - a.** The primary goal is to efficiently manage the beacon code set as a very limited National Airspace System (NAS) resource. The NBCAP is based upon the concept of discrete beacon code assignments to each ARTCC so that codes can be adapted and assigned by a computer to a flight plan according to a specific procedure. Ideally, each ARTCC should be allocated enough exclusive code blocks so that each aircraft could be given a computer assigned unique discrete code which would not be duplicated anywhere in the NAS. The intent would allow all aircraft to proceed from departure to destination using the same discrete code. Unfortunately, duplicate computer code assignments are unavoidable because of the limited number of code subsets available, the number of ARTCC's, and the volume of traffic. To minimize the impact of duplicate computer assignments, careful analysis of code utilization statistics is required to ensure appropriate facility assignments. Therefore, ARTCC facility assignments are managed from the national level.

b. Terminal, industry, unique purpose, or experimental activity beacon code assignments are made from the allocations designated in appendix A, and are managed by the service area directorates. If additional codes are needed, or reassignment of codes necessary, the En Route and Oceanic Safety and Operations Support directorate will assist the service area directorates in determining a solution.

c. Every effort will be made to consider and comply with International Civil Aviation Organization (ICAO) beacon code assignment procedures when necessary and possible.

7. Responsibilities.

a. En Route and Oceanic Services, Safety and Operations Support Directorate shall:

- (1) Make and manage all national beacon code allocations.
- (2) Make all service area code assignments beyond those delegated in this order.
- (3) Make all ARTCC beacon code assignments.
- (4) Review service area directorate supplements and audit local beacon code assignments as necessary.
- (5) Respond to service area directorate requests to support terminal, industry, unique purpose or experimental activity needs.
- (6) When necessary, coordinate beacon code assignments with international air traffic service providers with assistance from the service area directorates.
- (7) Work with service area directorates to coordinate beacon code assignments with non-FAA agencies such as the Department of Defense (DOD).

b. Service areas directorates shall:

- (1) Assist En Route Safety and Operations Support Directorate with the execution of this order.
- (2) Manage all service area directorate beacon code assignments delegated in this order.
- (3) Work with local ARTCCs and the En Route and Oceanic Safety and Operations Support Directorate to manage internal beacon code assignments in accordance with this document.
- (4) Develop a service area directorate supplement to this order, and specify the designated use of beacon code assignments made by the service area directorate. Include in the supplement a current record of all instrument flight rules (IFR) and VFR code blocks assigned to each terminal, flight service facility, or unique purpose, along with the specific use or function of each code block. For those service area directorates whose area of responsibility includes or is adjacent to an Air Defense Identification Zone (ADIZ), include codes assigned for identification of aircraft on Defense Visual Flight Rules (DVFR) flight plans. Document any restrictions and/or agreements on beacon code assignments or adaptation in the supplement. Update the service area directorate supplement as needed and forward a copy to En Route Safety and Operations Support directorate for review.
- (5) Coordinate with other service area directorates to prevent beacon code assignment conflicts between adjacent terminal/flight service facilities. Service area directorates with facilities that border international boundaries will assist En Route and Oceanic Safety and Operations Support Directorate to ensure coordination with adjacent international facilities (such as Canadian, Mexican, Bahamian, and Cuban) is accomplished, as appropriate.

c. ATC facilities shall:

(1) Ensure that beacon code usage is in compliance with the ARTCC and service area directorate's beacon code assignments outlined in this document and service area supplements.

(2) Adjust appropriate computer parameters to optimize code-use times.

(3) Forward to the service area directorates all requests for additional code assignments accompanied by the justification specified in paragraph 10, Justification Requirements, below. Ensure that requests for codes dedicated to a specific function or to be used for a unique purpose are approved sparingly, since this will limit the overall number of codes available for general use. Examples of unique purposes include: VFR traffic penetrating Class B airspace, and practice instrument approaches.

8. Code Assignments.

a. ARTCC. The En Route and Oceanic Safety and Operations Support directorate shall assign internal, external and tertiary center code blocks.

b. For Center Radar Approach Control (CERAP), Terminal, Flight Service Station (FSS)/Automated Flight Service Station (AFSS), Industry, Unique Purpose, or Experimental Activities: Codes must be assigned by the service area directorates and documented in the service area directorates supplement.

c. Military: Codes are allocated in this order (Appendix A, Table A-1) and specified in FAA Order JO 7610.4. Additional DOD requirements shall be forwarded to the appropriate directorate for consideration.

d. Full code blocks are designated in the appendices to this document by the base, non-discrete, code of that block. Example - 2600 indicates codes 2601 through 2677. The non-discrete code, 2600 in this example, will normally not be assigned. Code 0000 shall never be assigned. Where partial blocks are allocated, the actual range of codes will be listed.

e. DVFR: Special procedures are required for VFR flights into, within or out of the United States ADIZ. Code assignments are made by AFSS when a flight plan is activated for a VFR flight that will fly into, out of, or within the ADIZ. (See FAA Order JO 7110.10, Chapter 6, Paragraph 1, Flight Plan Proposals, and the DVFR Flight Procedures document).

9. Justification Requirements.

a. ARTCCs shall submit all requests for additional beacon codes or allocation adjustments through their service area directorate to En Route Safety and Operations Support directorate. Justifications must include full rationale with traffic counts, specific cases/issues, and any other supporting data. Requests will be evaluated using existing code utilization statistics and overall NAS impact.

b. Terminal/AFSS/CERAP shall forward requests to their service area directorate with supporting documentation, which must include quantifiable justification such as traffic count or projected peaks.

c. Industry/Unique Purpose/Experimental Activities/Customers shall submit a detailed letter to the facility or the service area directorate with supporting documentation, to indicate intended use, safety considerations, duration needed, and impact if not approved.

10. Distribution. This order is distributed to select offices in Washington Headquarters, Service Area Directors, the William J. Hughes Technical Center, the Mike Monroney Aeronautical Center, all air traffic control facilities, and all flight standards and international aviation field offices.

11. Definitions.

a. Beacon Code Assignment - The actual distribution of specific codes from within the NBCAP to specific facilities and/or special activities as defined in the appendices to this document.

b. Beacon Code Set - Four octal digits in which the decimal numbers "8" and "9" are not used. There are 4096 possible codes (0000-7777).

c. Code Block - The first two octal digits of the code (for example, 00##, 12##). There are 64 different code blocks. Any code block described in this order by the non-discrete code ending in "00" (for example 2100, or 1000) refers to the entire block (for example, 2101-2177 or 1001-1077).

d. Non-discrete Codes - Codes that end in "##00". There are 64 non-discrete codes. Assign non-discrete codes based on guidance found in FAA Order JO 7110.65, 5-2-6 through 5-2-10. Non-discrete codes may also be assigned by the En Route Safety and Operations Support Directorate. Code "0000" should never be assigned or used.

e. Discrete Code - The last two digits of the code (for example, ##01, ##43). There are 63 discrete codes in every block with 4032 total.

f. Code Subset - A series of discrete beacon codes within a code block. It is described by the lowest and highest number in the subset (for example, 2110 - 2120 = 9 discrete codes; viz., 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117 and 2120).

g. Computer Assigned Code - A beacon code assigned to a specific flight plan as the result of a program function or a controller message input.

h. Defense Visual Flight Rules (DVFR) - Procedures governing aircraft flying VFR through or within an Air Defense Identification Zone (ADIZ).

i. External Code - A beacon code reserved for computer assignment to a flight plan with one or more route segments not contained within a single domestic ARTCC's airspace.

j. Internal Code - A beacon code reserved for computer assignment to a flight plan where all route segments are contained in a single domestic ARTCC's airspace.

k. Function Codes - Non-discrete beacon codes utilized in accordance with FAA Order JO 7110.65, Air Traffic Control, Chapter 5, paragraph 2-6.

l. Primary Code Blocks - Blocks of codes in an ARTCC's computer from which code assignments are first attempted. Primary blocks are adapted for internal and external flight plans.

m. Secondary Code Block - Blocks of codes in an ARTCC's computer from which code assignment is attempted only when all discrete codes in the primary code blocks are not available. Secondary blocks are adapted for internal and external flight plans.

n. Service Area Beacon Code Supplement - A document maintained by service area specialist that documents the assignment of beacon codes to facilities other than ARTCCs; for example, TRACONs, Towers, military units, etc.

o. Tertiary Code Blocks - Blocks of codes in an ARTCC's computer from which code assignment is attempted when no codes from the primary or secondary code blocks are available. Tertiary blocks are adapted as a final back-up for external flight plans to avoid complete depletion for unique codes.



Kenneth A. Myers
Acting Director, En Route and Oceanic Safety
and Operations Support
Air Traffic Organization

Appendix A. National Beacon Code Allocation Summary*TBL A-1***National Beacon Code Allocation Summary**

0100-0400	Allocated to Service Area Operations for assignment for use by Terminal/CERAP/Industry/Unique Purpose/Experimental Activities
1000	Used exclusively by ADS-B aircraft to inhibit Mode 3A transmit
1200	Visual Flight Rules (VFR) aircraft not in radio contact with an ATC Facility
1201	Reserved for use by VFR Gliders not in contact with ATC. Also assigned via FAR 93.95 for use by VFR aircraft in the immediate vicinity of LAX.
1202-1272	Discrete 1200 series codes, unless otherwise allocated (for example, 1255), designated for DVFR aircraft and only assigned by FSS.
1255	Fire fighting aircraft
1273-1275	Calibration Performance Monitoring Equipment (CPME) "Parrot" transponders
1276	Air Defense Identification Zone (ADIZ) penetration when unable to establish communication with ATC or aeronautical facility
1277	Designated Search and Rescue (SAR) aircraft
0100-0700, 1000, 1100, 1300, 1500, 2000*, 2100, 2200, 2300, 2400, 4000	Non-discrete code assignments in accordance with FAA Order JO 7110.65, 5-2 *Also for use in oceanic airspace, unless another code is assigned by ATC
4400	SR-71, F-12, U-2, B-57, pressure suit flights and aircraft operations above FL 600 in accordance with FAA Order JO 7110.65, Chapter 5, Section 2
4401-4433, 4466-4477	Reserved in accordance with FAA Order JO 7110.67 (Fed Law Enforcement)
4434-4437	Weather reconnaissance, as appropriate
4440-4441	Operations above FL600 for Lockheed/NASA from Moffett Field
4442-4446	Operations above FL600 for Lockheed from Air Force Plant 42
4447-4452	Operations above FL600 for SR-71/U-2 operations from Edwards AFB
4453	High balloon operations – National Scientific Balloon Facility, Palestine TX, and other providers, some in international operations
4454-4465	Air Force operations above FL600 as designated in FAA Order 7610.4
5100-5300	May be used by DOD aircraft beyond radar coverage but inside U.S. controlled airspace with coordination as appropriate with applicable Area Operations Directorate. Any codes used by DOD aircraft outside U.S. controlled airspace need to be coordinated with the applicable Flight Information Region(s) (FIR) air traffic authorities.
5000, 5400, 6100, 6400, 7501-7577	Reserved for use by DOD. The use of these code blocks can only be authorized and/or assigned by Continental NORAD Region (CONR); 601st Air Operations Center (AOC) Airspace Specialty Team, Tyndall Air Force Base, Florida.
5061-5062, 5100, 5200	Reserved for special use by Potomac TRACON
7601-7607, 7701-7707	Reserved for special use by FAA
7500	Hijack in accordance with FAA Order JO 7610.4
7600	Radio Failure in accordance with FAA Order JO 7110.65
7700	Emergency in accordance with FAA Order JO 7110.65

7777	DOD interceptor aircraft on active air defense missions and operating without ATC clearance in accordance with FAA Order 7610.4
0500, 0600, 0700, 1000, 1100, 1300, 1400, 1500, 1600, 1700, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 4000, 4100, 5600, 5700, 6000, 6200, 6300, 6500, 6600, 6700, 7000, 7100, 7200, 7300, 7400, 7610-7676, 7710-7776	External ARTCC subsets (Discrete codes of blocks only except for first primary block, which is used as the ARTCC's non-discrete code if all discrete codes are assigned.)
0000, 4200, 4300, 4500, 4600, 4700, 5100, 5200, 5300, 5500	Internal ARTCC subsets assigned by En Route Safety and Operations Support (Discrete codes only except for first primary block to be used as non-discrete if all discrete codes are assigned.)

Exceptions for operational need are approved by En Route Safety and Operational Support

Appendix B. National Beacon Code Allocation Details*TBL B-1***ARTCC Code Categories**

I	Internal Departures
E	External Departures
M	Military
S	Special Use

*TBL B-2***ARTCC Computer Adaptation Sequence**

P	Primary Code Block
S	Secondary Code Block
T	Tertiary Code Block
(AA _n)	Adaptation Sequence (Priority)

*TBL B-3***ARTCC Assignments**

ARTCC	Code	Thru	Code	Priority
KZAK	1100			ODAPS
KZWY	1000			ODAPS
ZAB	0700			EP-1
ZAB	2600			EP-2
ZAB	4100			ES-1
ZAB	1500			ES-2
ZAB	1600			ES-3
ZAB	7610	-	7676	ET-1
ZAB	7710	-	7776	ET-2
ZAB	4200			IP-1
ZAB	4300			IP-2
ZAB	5500			IS-1
ZAN	3400			E
ZAN	4100			E
ZAN	5700			E
ZAN	6200			E
ZAN	7200			E
ZAN	7400			E
ZAN	4000			ES
ZAN	5600			ES
ZAN	2200			I
ZAN	2300			I
ZAN	2500			I
ZAN	4200			I
ZAN	4500			I

ARTCC	Code	Thru	Code	Priority
ZAN	4600			I
ZAN	4700			I
ZAN	5100			I
ZAN	5200			I
ZAN	5500			I M
ZAN	6300			I M
ZAN	3100			IS
ZAN	3500			IS
ZAU	1300			EP-1
ZAU	6200			EP-2
ZAU	6500			EP-3
ZAU	3100			EP-4
ZAU	3500			ES-1
ZAU	3200			ES-2
ZAU	5600			ES-3
ZAU	7200			ES-4
ZAU	2200			ET-1
ZAU	0500			ET-2
ZAU	4300			IP-1
ZAU	5300			IP-2
ZAU	5500			IS-1
ZAU	4700			IS-2
ZAU	0000			IS-3
ZBW	3400			EP-1
ZBW	3500			EP-2
ZBW	7300			ES-1
ZBW	2000			ES-2
ZBW	1400			ES-3
ZBW	1300			ES-4
ZBW	7000			ET-1
ZBW	2400			ET-2
ZBW	4600			IP-1
ZBW	5300			IS-1
ZBW	5500			IS-2
ZBW	4700			IS-3
ZBW	0000			IS-4
ZDC	7000			EP-1
ZDC	3600			EP-2
ZDC	0500			EP-3
ZDC	5600			EP-4
ZDC	2100			EP-5
ZDC	2400			EP-6
ZDC	1300			ES-1
ZDC	6500			ES-2
ZDC	6200			ES-3
ZDC	3500			ET-1

ARTCC	Code	Thru	Code	Priority
ZDC	3700			ET-2
ZDC	4600			IP-1
ZDC	5300			IP-2
ZDC	5500			IS-1
ZDC	0000			IS-2
ZDC	4700			IS-3
ZDV	1400			EP-1
ZDV	0600			ES-1
ZDV	2700			ES-2
ZDV	6500			ES-3
ZDV	3700			ES-4
ZDV	7441	-	7453	ET-1
ZDV	2212	-	2235	ET-2
ZDV	3401	-	3427	ET-3
ZDV	6644	-	6655	ET-4
ZDV	5622	-	5642	ET-5
ZDV	3333	-	3377	ET-6
ZDV	5100			IP-1
ZDV	5500			IS-1
ZDV	4300			IS-2
ZDV	0000			IS-3
ZFW	2200			EP-1
ZFW	2300			EP-2
ZFW	0500			EP-3
ZFW	3400			ES-1
ZFW	6200			ES-2
ZFW	3600			ES-3
ZFW	0613	-	0677	ET-1
ZFW	7041	-	7077	ET-2
ZFW	3021	-	3077	ET-3
ZFW	3241	-	3264	ET-4
ZFW	5100			IP-1
ZFW	5200			IP-2
ZFW	5300			IS-1
ZFW	4500			IS-2
ZHU	2400			EP-1
ZHU	2500			EP-2
ZHU	7400			ES-1
ZHU	7300			ES-2
ZHU	4000			ES-3
ZHU	2700			ES-4
ZHU	7200			ES-5
ZHU	6700			ET-1
ZHU	6600			ET-2
ZHU	4500			IP-1
ZHU	4600			IP-2

ARTCC	Code	Thru	Code	Priority
ZHU	4700			IP-3
ZHU	4200			IP-4
ZHU	5200			IP-5
ZHU	0000			IS-1
ZHU	5100			IS-2
ZHU	4300			S(pecial)
ZID	6600			EP-1
ZID	6700			EP-2
ZID	4000			EP-3
ZID	3700			ES-1
ZID	3400			ES-2
ZID	1400			ES-3
ZID	7300			ES-4
ZID	2701	-	2735	ET-1
ZID	3001	-	3042	ET-2
ZID	2601	-	2642	ET-3
ZID	4200			IP-1
ZID	4500			IP-2
ZID	5500			IS-1
ZJX	0700			EP-1
ZJX	1000			EP-2
ZJX	2600			EP-3
ZJX	3000			ES-1
ZJX	3200			ES-2
ZJX	6200			ES-3
ZJX	1500			ES-4
ZJX	1600			ES-5
ZJX	7300			ES-6
ZJX	0600			ET-1
ZJX	2700			ET-2
ZJX	6700			ET-3
ZJX	6500			ET-4
ZJX	4200			IP-1
ZJX	5500			IP-2
ZJX	4300			IS-1
ZJX	7400			IS-2
ZKC	2100			EP-1
ZKC	1100			EP-2
ZKC	1700			EP-3
ZKC	5700			ES-1
ZKC	2500			ES-2
ZKC	7401	-	7440	ET-1
ZKC	2001	-	2020	ET-2
ZKC	3301	-	3311	ET-3
ZKC	7101	-	7120	ET-4
ZKC	6001	-	6023	ET-5

ARTCC	Code	Thru	Code	Priority
ZKC	4600			IP-1
ZKC	4700			IP-2
ZKC	5200			IS-1
ZLA	7200			EP-1
ZLA	7300			EP-2
ZLA	1000			EP-3
ZLA	6700			ES-1
ZLA	2000			ES-2
ZLA	1300			ES-3
ZLA	7610	-	7676	ET-1
ZLA	7710	-	7776	ET-2
ZLA	4600			IP-1
ZLA	4700			IP-2
ZLA	5300			IS-1
ZLA	5100			IS-2
ZLC	6000			EP-1
ZLC	0500			ES-1
ZLC	3100			ES-2
ZLC	4000			ES-3
ZLC	7610	-	7676	ET-1
ZLC	7710	-	7776	ET-2
ZLC	4300			IP-1
ZLC	5300			IS-1
ZLC	5200			IS-2
ZLC	4200			IS-3
ZMA	3600			EP-1
ZMA	3700			EP-2
ZMA	1400			EP-3
ZMA	7400			EP-4
ZMA	2300			ES-1
ZMA	2100			ES-2
ZMA	1100			ES-3
ZMA	3500			ES-4
ZMA	5700			ES-5
ZMA	1300			ES-6
ZMA	3300			ES-7
ZMA	6600			ES-8
ZMA	6000			ES-9
ZMA	0500			ET-1
ZMA	2200			ET-2
ZMA	5600			ET-3
ZMA	7610	-	7676	ET-4
ZMA	7710	-	7776	ET-5
ZMA	4600			IP-1
ZMA	4700			IP-2
ZMA	4500			IP-3

ARTCC	Code	Thru	Code	Priority
ZMA	0000			IP-4
ZMA	5300			IS-1
ZMA	5100			IS-2
ZMA	4200			IS-3
ZME	1500			EP-1
ZME	5600			EP-2
ZME	1600			EP-3
ZME	0700			ES-1
ZME	1000			ES-2
ZME	1300			ES-3
ZME	7610	-	7676	ET-1
ZME	7710	-	7776	ET-2
ZME	4300			IP-1
ZME	5500			IP-2
ZME	5300			IS-1
ZME	4500			IS-2
ZMP	2400			EP-1
ZMP	2600			EP-2
ZMP	3600			EP-3
ZMP	3000			ES-1
ZMP	7000			ES-2
ZMP	6300			ES-3
ZMP	6700			ET-1
ZMP	3312	-	3332	ET-2
ZMP	1501	-	1532	ET-3
ZMP	4200			IP-1
ZMP	4500			IP-2
ZMP	4600			IS-1
ZMP	5200			IS-2
ZNY	1600			EP-1
ZNY	1700			EP-2
ZNY	2700			EP-3
ZNY	3000			EP-4
ZNY	3300			EP-5
ZNY	2600			EP-6
ZNY	1500			EP-7
ZNY	7100			EP-8
ZNY	1100			EP-9
ZNY	6600			ES-1
ZNY	2300			ES-2
ZNY	4000			ES-3
ZNY	1000			ES-4
ZNY	2200			ES-5
ZNY	6725	-	6777	ET-1
ZNY	7610	-	7676	ET-2
ZNY	7710	-	7776	ET-3

ARTCC	Code	Thru	Code	Priority
ZNY	4200			IP-1
ZNY	4300			IP-2
ZNY	4500			IS-1
ZOA	3200			EP-1
ZOA	3300			EP-2
ZOA	1700			ES-1
ZOA	6300			ES-2
ZOA	3600			ES-3
ZOA	3700			ES-4
ZOA	0601	-	0647	ET-1
ZOA	2212	-	2235	ET-2
ZOA	7001	-	7020	ET-3
ZOA	7054	-	7077	ET-4
ZOA	7441	-	7464	ET-5
ZOA	3001	-	3020	ET-6
ZOA	4200			IP-1
ZOA	4500			IP-2
ZOA	4300			IS-1
ZOA	5500			IS-2
ZOA	7000			IS-3
ZOB	5700			EP-1
ZOB	4100			EP-2
ZOB	7400			EP-3
ZOB	0700			EP-4
ZOB	6000			ES-1
ZOB	2500			ES-2
ZOB	1000			ES-3
ZOB	2100			ES-4
ZOB	7200			ES-5
ZOB	2300			ES-6
ZOB	0600			ET-1
ZOB	6300			ET-2
ZOB	5100			IP-1
ZOB	5200			IP-2
ZOB	4500			IS-1
ZSE	3500			EP-1
ZSE	6600			EP-2
ZSE	1500			ES-1
ZSE	1600			ES-2
ZSE	2236	-	2277	ET-1
ZSE	7412	-	7477	ET-2
ZSE	0650	-	0677	ET-3
ZSE	3430	-	3477	ET-4
ZSE	4600			IP-1
ZSE	4700			IP-2
ZSE	5200			IS-1

ARTCC	Code	Thru	Code	Priority
ZSE	5100			IS-2
ZTL	2000			EP-1
ZTL	6300			EP-2
ZTL	3100			EP-3
ZTL	7100			EP-4
ZTL	7200			ES-1
ZTL	2200			ES-2
ZTL	4100			ES-3
ZTL	3500			ES-4
ZTL	3300			ES-5
ZTL	5700			ES-6
ZTL	6000			ES-7
ZTL	1100			ES-8
ZTL	1700			ES-9
ZTL	2300			ET-1
ZTL	5100			IP-1
ZTL	5200			IP-2
ZTL	4700			IS-1
ZTL	5300			IS-2
ZTL	2600			IS-3