



Federal Aviation Administration

Memorandum

Date: March 22, 2022

To: Michael Beckles, Group Manager, Rules & Regulations Group, AJV-P2

From: B. G. Chew, Acting Group Manager, Operations Support Group,
Western Service Center, AJV-W2

Subject: Fiscal Year (FY) 2021 Restricted Area and Military Operations Area
Utilization Report

The Western Service Center (WSC), Operations Support Group (OSG), completed its review of the Restricted Area (RA) and Military Operations Area (MOA) annual utilization reports for FY 2021, submitted by the Departments of the Army (DAR), Navy (DON), Air Force (DAF), Energy (DOE), and U.S. Customs and Border Protection (CBP). The result of the WSC, OSG, review is as follows:

I. DAR

(b) (3) (10 USC § 130e)

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(b) (3) (10 USC § 130e)



II. DOE

(b) (3) (10 USC § 130e)



III. DON

(b) (3) (10 USC § 130e)



(b) (3) (10 USC § 130e)



IV. CBP

No areas of concern were identified.

V. DAF

(b) (3) (10 USC § 130e)



If you require additional information, please contact Greg Nairn, Operations Support Specialist, WSC, at (206) 231-3435, or Theodore Cooper at (206) 231-2722.

cc:

WSA Air Traffic Representatives

WSA Military Representatives



**DEPARTMENT OF THE ARMY
DEPARTMENT OF THE ARMY REPRESENTATIVE
FEDERAL AVIATION ADMINISTRATION WESTERN SERVICE AREA
2200 SOUTH 216TH STREET
DES MOINES, WASHINGTON 98198**

2DAMO-AVA-W

07 December 2021

MEMORANDUM FOR United States Army Aeronautical Services Agency, Airspace Branch,
9325 Gunston Road, Building 1466, Suite N319, Fort Belvoir, Virginia 22060-5582

SUBJECT: Fiscal Year 2021 (FY21) Restricted and Military Operations Areas Annual
Utilization Report (RCS: 1412-DOT-AN)

1. References:

a. Federal Aviation Administration Order JO 7400.10A, Special Use Airspace, 16 February 2019.

b. Federal Aviation Administration Order JO 7400.2M, Procedures for handling Airspace Matters, 28 February 2019.

2. The FY21 RCS: 1412-DOT-AN for the Western Service Area is submitted for consolidation into the USAASA final annual Special Use Airspace (SUA) report, for the reporting period beginning on 01 October 2020 and ending on 30 September 2021.

3. The Restricted Areas and Military Operations Areas reported are listed below by FAA region [Alaska, (AAL), Western Pacific (AWP), and Northwest Mountain (ANM)] and then by State.

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AWP

R-2302	Flagstaff, AZ
R-2303A	Fort Huachuca, AZ
R-2303B	Fort Huachuca, AZ
R-2303C	Fort Huachuca, AZ
R-2306A	Yuma West, AZ
R-2306B	Yuma West, AZ
R-2306C	Yuma West, AZ
R-2306D	Yuma West, AZ
R-2306E	Yuma West, AZ
R-2306F	Yuma, AZ
R-2307	Yuma, AZ
R-2308A	Yuma East, AZ
R-2308B	Yuma East, AZ
R-2308C	Yuma East, AZ
R-2310A	Florence, AZ
R-2310B	Florence, AZ
R-2310C	Florence, AZ
R-2311	Yuma, AZ
R-2502A	Fort Irwin, CA
R-2502E	Fort Irwin, CA
R-2502N	Fort Irwin, CA
R-2504A	Camp Roberts, CA
R-2504B	Camp Roberts, CA
R-2513	Camp Hunter-Liggett, CA

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5. The following Restricted Areas were identified as having zero or low utilization rates. Efficient utilization rates are those that equal or exceed 75% hours utilized over activated per FAAO 7400.2L. All SUA with low utilization have Remarks reflecting why they are less than 75%; Remarks include lost time due to COVID-19, inclement weather, maintenance, technical issues, early training completion or cancellations, and incorrect Army internal procedure compliance. All Using Agencies have been notified and corrective measures are being implemented.

ATAS-AS-NW-(ANM-902)

SUBJECT: Fiscal Year 2021 (FY21) Restricted and Military Operations Areas Annual Utilization Report (RCS: 1412-DOT-AN)

SUA	Location	Utilization Efficiency
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R-2306A	Yuma West, AZ	63% utilization
R-2306B	Yuma West, AZ	66% utilization
R-2310A	Florence, AZ	38% utilization
R-2310B	Florence, AZ	0% utilization
R-2310C	Florence, AZ	0% utilization
non responsive		

6. The point of contact for this report is the undersigned at (206) 231-2505 or travis.w.cornett@faa.gov.

1/25/2022

X Travis W. Cornett

Signed by: CORNETT.TRAVIS.WESLEY.1160577076

TRAVIS W. CORNETT

LTC, AV

Department of the Army Representative
FAA Western Service Area

Encl
FY21 SUA Utilization Report

ATAS-AS-NW-(ANM-902)

SUBJECT: Fiscal Year 2021 (FY21) Restricted and Military Operations Areas Annual
Utilization Report (RCS: 1412-DOT-AN)

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**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

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R-2306A	Yuma West, AZ	58
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**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

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**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

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**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2303B, Fort Huachuca, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit, Name and Phone: United States Army Intelligence Center (520) 538-2861, DSN 879-2861, FAX DSN 879-5538, Ms. Carolyn Thompson,

(b) (6)

4. Associated ATCAA:
 - a. ATCAA Name: Libby ATCAA
 - b. ATCAA Altitudes: FL 180-450

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 2,147
 - b. Total number of day's area was:
 - (1) Scheduled for use: 251
 - (2) Activated: 251
 - (3) Actually utilized: 251
 - c. Total number of hours per area was:
 - (1) Scheduled: 5,910
 - (2) Activated: 5,910
 - (3) Actually Utilized: 5,910
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 2,850

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

b. Letter of agreement provisions: An LOA grants controlling agency (Albuquerque Center) the right to route aircraft into, out of, or through R-2303B with permission of the using agency (Libby AAF).

10. New chart Submitted/No Change: No Change

11. Remarks: Fort Huachuca provides Unmanned Aircraft Systems (UAS) flight training to DoD and Department of Homeland Security personnel. The Predator class UAS are operating in the higher altitudes of R-2303B. The United States Army Electronic Proving Ground (EPG) and Joint Interoperability Test Command (JITC), are tenants on this installation, and perform many research and development test projects requiring the use of R-2303B. Restricted Area R-2303B is released to Albuquerque Air Route Traffic Control Center, the controlling agency, during those times not required by Fort Huachuca.

Note: The COVID 19 pandemic impacted the ability of fixed wing aircraft to fly and slowed our operations from October 2020-February 2021.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2303C, Fort Huachuca, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit, Name and Phone: United States Army Intelligence Center (520) 538-2861, DSN 879-2861, FAX DSN 879-5538, Ms. Carolyn Thompson,

(b) (6)

4. Associated ATCAA:
 - a. ATCAA Name: Libby ATCAA
 - b. ATCAA Altitudes: FL 180-450

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 805
 - b. Total number of day's area was:
 - (1) Scheduled for use: 251
 - (2) Activated: 251
 - (3) Actually utilized: 251
 - c. Total number of hours per area was:
 - (1) Scheduled: 5,910
 - (2) Activated: 5,910
 - (3) Actually Utilized: 5,910
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 2,850

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

b. Letter of agreement provisions: Letter of agreement provisions: An LOA grants controlling agency (Albuquerque Center) the right to route aircraft into, out of, or through R-2303C with permission of the using agency (Libby AAF).

10. New chart Submitted/No Change: No Change

11. Remarks: Fort Huachuca provides Unmanned Aircraft Systems (UAS) flight training to DoD and Department of Homeland Security personnel. The Predator class UAS are operating in the higher altitudes of R-2303C. The United States Army Electronic Proving Ground (EPG), and Joint Interoperability Test Command (JITC), perform many research and development test projects requiring the use of R-2303C. Restricted Area R-2303C is released to Albuquerque Air Route Traffic Control Center, the controlling agency, during those times not required by Fort Huachuca. Note: The COVID 19 pandemic impacted the ability of fixed wing aircraft to fly and slowed our operations from October 2020-February 2021.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2306A, Yuma West, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground. DSN: 899-6125. Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

(b) (3) (10 USC § 130e)

8. Utilization information:

- a. Total number of aircraft sorties: 4,520
- b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 305
 - (3) Actually utilized: 305
- c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 5,114
 - (3) Actually Utilized: 3,240

9. Joint use information:

- a. Total number of hours the area was returned to the controlling agency: 3,646
- b. Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of Restricted Area R-2306A by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG

10. New chart Submitted/No Change: No Change

11. Remarks:

- a. Aircraft frequently cross from one restricted area into another by utilizing flight test patterns for development, navigation, and positioning missions.
- b. Tethered aerostat operations were not considered as part of total sortie flights.
- c. Difference between hours activated and actual utilization is caused by early completion of scheduled test and training events.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2306B, Yuma West, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email: (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

(b) (3) (10 USC § 130e)

8. Utilization information:

- a. Total number of aircraft sorties: 1,730
- b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 267
 - (3) Actually utilized: 267
- c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 5,028
 - (3) Actually Utilized: 3,327

9. Joint use information:

- a. Time of designation: Continuous.
- b. Total number of hours the area was returned to the controlling agency: 3,732
- c. Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of Restricted Area R-2306B by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.

10. New chart Submitted/No Change: No Change

11. Remarks:

- a. Aircraft frequently cross from one restricted area into another by utilizing flight test patterns for development, navigation, and positioning missions.
- b. Difference between hours activated and actual utilization is caused by early completion of scheduled test and training events.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2306C, Yuma West, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email: (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 238
 - b. Total number of day's area was:
 - (1) Scheduled for use: 365

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

- (2) Activated:156
 - (3) Actually utilized:156
- c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 972
 - (3) Actually Utilized: 972
- 9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 7,788
 - b. Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of Restricted Area R-2306C by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.
- 10. New chart Submitted/No Change: No Change
- 11. Remarks: Aircraft frequently cross from one restricted area into another by utilizing flight test patterns for development, navigation, and positioning missions.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2306D, Yuma West, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 1,606
 - b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 215
 - (3) Actually utilized: 215
 - c. Total number of hours per area was:
 - (1) Scheduled: 8,760

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

- (2) Activated: 2,177
- (3) Actually Utilized: 2,177

9. Joint use information:

- a. Total number of hours the area was returned to the controlling agency: 6,583
- b. Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of Restricted Area R-2306D by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.

10. New chart Submitted/No Change: No Change

11. Remarks:

- a. Aircraft frequently cross from one restricted area into another by utilizing flight test patterns for development, navigation, and positioning missions.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2306E, Yuma West, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 3,296

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

b. Total number of day's area was:

- (1) Scheduled for use: 365
- (2) Activated: 297
- (3) Actually utilized: 297

c. Total number of hours per area was:

- (1) Scheduled: 8,760
- (2) Activated: 5,217
- (3) Actually Utilized: 5,217

9. Joint use information:

a. Total number of hours the area was returned to the controlling agency: 3,543

b. Letter of agreement provisions: Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of Restricted Area R-2306E by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.

10. New chart Submitted/No Change: No Change

11. Remarks:

a. Aircraft frequently cross from one restricted area into another by utilizing flight test patterns for development, navigation, and positioning missions.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2306F, Yuma West, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email: **non responsive**
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 126
 - b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 85
 - (3) Actually utilized: 85
 - c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 940
 - (3) Actually Utilized: 940
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 7,820

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

b. Letter of agreement provisions: Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of Restricted Area R-2306E by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.

10. New chart Submitted/No Change: No Change

11. Remarks:

a. Aircraft frequently cross from one restricted area into another by utilizing flight test patterns for development, navigation, and positioning missions.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2307, Yuma, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 2,901

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

- b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 365
 - (3) Actually utilized: 365
- c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 8,760
 - (3) Actually Utilized: 8,760

9. Joint use information:

- a. Total number of hours the area was returned to the controlling agency: 0
- b. Letter of agreement provisions: Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of Restricted Area R-2306E by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.

10. New chart Submitted/No Change: No Change

11. Remarks:

- a. Castle Dome Heliport is located within R-2307. Used primarily for UAS test and training activities.
- b. Restricted Area R-2307 is never released to the public in its entirety. The continuous presence of unexploded munitions in various positions mandates a 7,000 feet minimum flight altitude over the area for the entire reporting period. Many test and other hazardous operations (i.e., firing guns at low quadrant elevations, ground-to-ground lasing, ammunition recovery and demolition) are conducted within the 7,000 foot envelope.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2308A, Yuma, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 711
 - b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 236
 - (3) Actually utilized: 236
 - c. Total number of hours per area was:

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
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- (1) Scheduled: 8,760
- (2) Activated: 3,106
- (3) Actually Utilized: 3,106

9. Joint use information:

- a. Total number of hours the area was returned to the controlling agency: 5,654
- b. Letter of agreement provisions: Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of Restricted Area R-2306E by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.

10. New chart Submitted/No Change: No Change

11. Remarks:

- a. Aircraft frequently cross from one restricted area into another, utilizing flight test patterns for development, navigation, and positioning missions.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2308B, Yuma, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email: (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 898
 - b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 172
 - (3) Actually utilized: 172
 - c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 2,097
 - (3) Actually Utilized: 2,097
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 6,663

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
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b. Letter of agreement provisions: Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of Restricted Area R-2306E by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.

10. New chart Submitted/No Change: No Change

11. Remarks:

a. Aircraft frequently cross from one restricted area into another, utilizing flight test patterns for development, navigation, and positioning missions.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2308C, Yuma, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army
Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh
Lottinger, Email: (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 351
 - b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 116
 - (3) Actually utilized: 116
 - c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 1,160
 - (3) Actually Utilized: 1,160
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 7,600
 - b. Letter of agreement provisions: Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes

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(RCS: 1412-DOT-AN)**

responsibilities for the joint use of Restricted Area R-2306E by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.

10. New chart Submitted/No Change: No Change

11. Remarks:

a. Aircraft frequently cross from one restricted area into another, utilizing flight test patterns for development, navigation, and positioning missions.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2310A, Florence, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Florence Military Reservation, 602-267-2060, SFC Brigido Montoya (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 270
 - b. Total number of day's area was:
 - (1) Scheduled for use: 256
 - (2) Activated: 187
 - (3) Actually utilized: 106
 - c. Total number of hours per area was:
 - (1) Scheduled: 2,224
 - (2) Activated: 2,531
 - (3) Actually Utilized: 966
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 6,229
 - b. Letter of agreement provisions: N/A
10. New chart Submitted/No Change: No Change
11. Remarks: In the past we allowed units to block schedule more so for the DOD contractors; we have since changed that due to no shows percentage and utilizations adverse reports.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2310B, Florence, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Florence Military Reservation, 602-267-2060, SFC Brigido Montoya (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

7. Other activities not reported in 5 OR 6 above: None
8. Utilization information:
 - a. Total number of aircraft sorties: 0
 - b. Total number of day's area was:
 - (1) Scheduled for use: 10
 - (2) Activated: 0
 - (3) Actually utilized: 0
 - c. Total number of hours per area was:
 - (1) Scheduled: 90
 - (2) Activated: 0
 - (3) Actually Utilized: 0
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 8,760
 - b. Letter of agreement provisions: N/A
10. New chart Submitted/No Change: No Change
11. Remarks: In the past units have used these altitudes but they have not been used lately, we are expecting NVNG coming to AZ which is an Artillery unit so if we can keep this capability, we didn't schedule it since it was not requested.

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(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2310C, Florence, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Florence Military Reservation, 602-267-2060, SFC Brigido Montoya (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 0
 - b. Total number of day's area was:
 - (1) Scheduled for use: 0
 - (2) Activated: 0
 - (3) Actually utilized: 0
 - c. Total number of hours per area was:
 - (1) Scheduled: 0
 - (2) Activated: 0
 - (3) Actually Utilized: 0
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 8,760
 - b. Letter of agreement provisions: N/A
10. New chart Submitted/No Change: No Change
11. Remarks: This altitude was not scheduled due to small arms not exceeding 2310 A but in the past it was used and we would like to maintain this capability for future operations.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2311, Yuma, AZ
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: United States Army Yuma Proving Ground, DSN: 899-6125, Commercial: (928) 328-6125, Fax: POC: Hugh Lottinger, Email: **non responsive**
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 351
 - b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 116
 - (3) Actually utilized: 116
 - c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 1,100
 - (3) Actually Utilized: 1,100
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 7,660
 - b. Letter of agreement provisions: The delegation of Special Use Airspace (SUA) is defined by the current Letter of Procedure (LOP) between Los Angeles ARTCC, MCAS, Yuma, and the U.S. Army Yuma Proving Ground (YPG). It establishes responsibilities for the joint use of

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

Restricted Area R-2306E by MCAS Yuma (scheduling and monitoring) and YPG (using Agency) to allow MCAS Yuma Approach Control to function as Yuma Range Control for the airspace scheduled by YPG. This function allows efficient real-time use of airspace whereby YPG releases any airspace, which is not in use (or on completion of scheduled missions) back to MCAS Yuma Approach Control. Real-time control is maintained by controller-to-controller coordination, which ensures maximum availability of Special Use Airspace to the FAA. The overall impact of these agreements/ arrangements has been to enhance flexibility, ease coordination, and provide more effective access to airspace by military, air carrier and general aviation. YPG is afforded scheduling priority for this Special Use Airspace. MCAS provides user data and information for this report of Army assigned airspace for "Restricted Areas" not scheduled by YPG.

10. New chart Submitted/No Change: No Change

11. Remarks: None

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2502A, Fort Irwin, CA.
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Headquarters, National Training Center & Fort Irwin, G3 Aviation Division, Mrs. Jennifer Kirkpatrick, DSN 470-5852, Commercial (760) 380-5852, FAX (760) 380-6368 (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 16,474
 - b. Total number of day's area was:
 - (1) Scheduled for use: 108

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- (2) Activated: 108
 - (3) Actually utilized: 108
- c. Total number of hours per area was:
 - (1) Scheduled: 2,592
 - (2) Activated: 2,592
 - (3) Actually Utilized: 2,592
- 9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 6,168
 - b. Letter of agreement provisions: Restricted Areas shall be released by schedule and published by the Using Agency through their designated scheduling facility and Los Angeles Air Route Traffic Control Center (Center). The Using Agency shall activate Restricted Areas only for those hazardous activities for which they were designated. The Using Agency shall release Restricted Areas in their entirety or by specific blocks of altitudes or flight levels, as appropriate to Los Angeles Air Route Traffic Control Center (Center) when not in use for the purpose designated.
- 10. New chart Submitted/No Change: No Change
- 11. Remarks: None, No Incursions

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2502E, Fort Irwin, CA
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Headquarters, National Training Center & Fort Irwin, G3 Aviation Division, Mrs. Jennifer Kirkpatrick, DSN 470-5852, Commercial (760) 380-5852, FAX (760) 380-6368 (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

(b) (3) (10 USC § 130e)

8. Utilization information:

- a. Total number of aircraft sorties: 53,539
- b. Total number of day's area was:
 - (1) Scheduled for use: 365 days
 - (2) Activated: 365 days
 - (3) Actually utilized: 365 days
- c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 8,760
 - (3) Actually Utilized: 8,760

9. Joint use information:

- a. Total number of hours the area was returned to the controlling agency: 0
- b. Letter of agreement provisions:
 - (1) Restricted Area R-2502E and that portion of R-2508 that coincides with R-2502E, FL240 and above shall be released to Los Angeles Air Route Traffic Control Center (Center) on a continuous basis. Scheduled operations FL240 and above in R-2502E require a "Real Time" notification of activation. The Using Agency has exclusive recall authority for R-2502E and shall notify CCF during normal duty hours and TRACON after normal duty hours, at least 15 minutes prior to activation of R-2502E from FL240 and above.
 - (2) The notification shall be disseminated via telephone using one of the following numbers: CCF- DSN: 527-2508, Comm: (661) 227-2508, Cell: (866) 805-2851; NTC- DSN: 470-4320, Comm: (760) 380-4320; TRACON: DSN: 527-3843, Comm: (661) 277-3843.
 - (3) When the information regarding activation of R-2502E, as stated above, has been received, the TRACON Supervisor shall call Center and NOTIFY Area "B" Supervisor that R-2502E will be ACTIVE in 15 minutes up to altitudes indicated on the airspace schedule/required. Once Center has been notified, the TRACON Supervisor shall inform the Using Agency/CCF as appropriate in that Center has been notified.

10. New chart Submitted/No Change: No Change

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

11. Remarks: None, No Incursions.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2502N, Fort Irwin, CA
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Headquarters, National Training Center & Fort Irwin, G3 Aviation Division, Mrs. Jennifer Kirkpatrick, DSN 470-5852, Commercial (760) 380-5852, FAX (760) 380-6368 (b) (6)
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

(b) (3) (10 USC § 130e)

8. Utilization information:

- a. Total number of aircraft sorties: 53,539
- b. Total number of day's area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 365
 - (3) Actually utilized: 365
- c. Total number of hours per area was:
 - (1) Scheduled: 8,760
 - (2) Activated: 8,760
 - (3) Actually Utilized: 8,760

9. Joint use information:

- a. Total number of hours the area was returned to the controlling agency: 0
- b. Letter of agreement provisions:

(1) Restricted Area R-2502E and that portion of R-2508 that coincides with R-2502E, FL240 and above shall be released to Los Angeles Air Route Traffic Control Center (Center) on a continuous basis. Scheduled operations FL240 and above in R-2502E require a "Real Time" notification of activation. The Using Agency has exclusive recall authority for R-2502E and shall notify CCF during normal duty hours and TRACON after normal duty hours, at least 15 minutes prior to activation of R-2502E from FL240 and above.

(2) The notification shall be disseminated via telephone using one of the following numbers: CCF- DSN: 527-2508, Comm: (661) 227-2508, Cell: (866) 805-2851; NTC- DSN: 470-4320, Comm: (760) 380-4320; TRACON: DSN: 527-3843, Comm: (661) 277-3843.

(3) When the information regarding activation of R-2502E, as stated above, has been received, the TRACON Supervisor shall call Center and NOTIFY Area "B" Supervisor that R-2502E will be ACTIVE in 15 minutes up to altitudes indicated on the airspace schedule/required. Once Center has been notified, the TRACON Supervisor shall inform the Using Agency/CCF as appropriate in that Center has been notified.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

10. New chart Submitted/No Change: No Change

11. Remarks: None, No Incursions.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2504A, Camp Roberts, CA
2. Reporting period dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC name and email address: HHC MTC, Camp Roberts, CA, CPT BARRET, JOEL K. Commercial (805) 238-8457, Fax (805) 238-8448, DSN 949-8503.
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 6,960
 - b. Total number of days the area was:
 - (1) Scheduled for use: 227
 - (2) Activated: 203
 - (3) Actually utilized: 177
 - d. Total number of hours per area was:
 - (1) Scheduled: 2,295
 - (2) Activated: 2,295
 - (3) Actually Utilized: 2,295
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 6,465
 - b. Letter of agreement provisions: None.
10. New chart Submitted/No Change: No Change.
11. Remarks: Decrease of air movements due to COVID-19, and the implementation of new DoD policy(ies) restricting SUA usage by non-DoD entities has caused a small decrease in air movements, this in conjunction with the more accurate reporting procedures of the AIC giving an extremely accurate airspace usage report. The difference in scheduled and activated hours vary for the following reasons: units no showing on their scheduled days to fly or shooting, aircraft down

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
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for maintenance during scheduled days, and IFR conditions prohibit airframes that are VFR rated only.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
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1. Restricted area number or MOA name: R-2504B, Camp Roberts, CA
2. Reporting period dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC name and email address: HHC MTC, Camp Roberts, CA, CPT BARRET, JOEL K, Commercial (805) 238-8457, Fax (805) 238-8448, DSN 949-8503
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 4,069
 - b. Total number of days the area was:
 - (1) Scheduled for use: 67

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(RCS: 1412-DOT-AN)**

- (2) Activated: 168
 - (3) Actually utilized: 38
- c. Total number of hours per area was:
 - (1) Scheduled: 2,014
 - (2) Activated: 2,014
 - (3) Actually Utilized: 2,014
- 9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 6,746
 - b. Letter of agreement provisions: No Change.
- 10. New chart Submitted/No Change: No Change
- 11. Remarks: Decrease of air movements due to Covid-19, this in conjunction with the more accurate reporting procedures of the AIC give an extremely accurate airspace usage report. The difference in scheduled and activated hours vary for the following reasons: units no showing on their scheduled days to fly or shooting, aircraft down for maintenance during scheduled days, and IFR conditions prohibit airframes that are VFR rated only.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-2513, Hunter-Liggett, CA
2. Reporting period dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC name and email address: Fort Hunter Liggett, CA, Mr. Dave Young, DSN: 686-2482, Commercial: (831) 386-2482, Fax: (831) 386-2766, Email (b) (6)
4. Associated ATCAA:
 - a. ATCAA Name: Hunter High ATCAA
 - b. ATCAA Altitudes: Upper Altitude (MSL): 23000 Lower Altitude (MSL): 18000

(b) (3) (10 USC § 130e)



**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 4,221
 - b. Total number of days the area was:
 - (1) Scheduled for use: 365
 - (2) Activated: 365
 - (3) Actually utilized: 365
 - c. Total number of hours the area was:
 - (1) Scheduled for use: 8,760
 - (2) Activated: 8,760
 - (3) Actually utilized: 8,760
 9. Joint use information:
 - a. Total number of hours 7000 ft. and below was returned to the controlling agency: 0
 - b. Letter of agreement provisions: Fort Hunter Liggett (Using Agency) by Letter of Procedure (LOP) with Oakland ARTCC (Controlling Agency), releases the airspace 7,000 feet and above to Center on a continuous basis. Of the 8,760 hours available for use at 7,000 feet and above, 473.2 hours were requested for use from the Center. The altitudes below 7,000 feet are activated on a continuous basis.
 10. New chart Submitted/No Change: No Change
 11. Remarks: The sortie count was higher than last years. The large scale exercises have not utilized as many air assets or has limited their scope in the exercises. We also had a less UAS utilization than we have had in past years.
- FHL has no incursions into our R-2513 airspace resulting in no impact to training.

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**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-6403, Tooele, UT
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Tooele Army Depot,
An' N: SJMTE-AOR, Tooele, Utah 84074, DSN 790-2743, DSN FAX 790-3192;
Commercial (435) 833-2743, FAX (435) 833-2743.
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 0
 - b. Total number of day's area was:
 - (1) Scheduled for use: 210
 - (2) Activated: 54
 - (3) Actually utilized: 54
 - c. Total number of hours per area was:
 - (1) Scheduled: 2,100
 - (2) Activated: 540
 - (3) Actually Utilized: 540
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 8,220
 - b. Letter of agreement provisions: None
10. New chart Submitted/No Change: No Change
11. Remarks: The difference between scheduled and utilized days is due to weather restrictions on planned demilitarization operations and also operational constraints (such as available manpower) and may be started and then stopped due to change of wind direction or clearing index. We work four 10 hour days at Tooele Army Depot.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-6412A, Camp Williams, UT
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Headquarters Camp W. G. Williams, 17800 Camp Williams Road Riverton, Utah 84065-4999 Commercial (801) 878-5503 Fax (801) 878-5367.
4. Associated ATCAA: None

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 7
 - b. Total number of day's area was:
 - (1) Scheduled for use: 339
 - (2) Activated: 339
 - (3) Actually utilized: 339
 - c. Total number of hours per area was:
 - (1) Scheduled: 4,068
 - (2) Activated: 4,068
 - (3) Actually Utilized: 4,068
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 4,692
 - b. Letter of agreement provisions: None
10. New chart Submitted/No Change: No Change
11. Remarks: Airspace was not scheduled in the special use airspace management system (SAMS) for 2020. This issue has been corrected and a schedule submitted for 2021. Total days/hours of actual utilization listed in this report does not accurately reflect utilization. Camp Williams Range Control identified that only live-fire utilization was recorded and usage for aircraft activities was not captured for 2020. A process has been initiated to accurately capture this usage for 2021. R-6421B is utilized in conjunction with this airspace during all mortar/artillery live fire events. No airspace incursions were identified during this reporting period.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-6412B, Camp Williams, UT
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Headquarters Camp W. G. Williams 17800 Camp Williams Road Riverton, Utah 84065-4999 Commercial (801) 878-5503 Fax:(801) 878-5367.
4. Associated ATCAA:
 - a. ATCAA Name: None
 - b. ATCAA Altitudes: N/A

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 7
 - b. Total number of day's area was:
 - (1) Scheduled for use: 334
 - (2) Activated: 334
 - (3) Actually utilized: 334
 - c. Total number of hours per area was:
 - (1) Scheduled: 4,008
 - (2) Activated: 4,008
 - (3) Actually Utilized: 4,008
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 4,752
 - b. Letter of agreement provisions: None
10. New chart Submitted/No Change: No Change

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

11. Remarks: Airspace was not scheduled in the special use airspace management system (SAMS) for 2020. This issue has been corrected and a schedule submitted for 2021. This airspace is activated to support and essential for mortar/artillery live-fire events. No airspace incursions were identified during this reporting period.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-6412C, Camp Williams, UT
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Headquarters Camp W. G. Williams 17800 Camp Williams Road Riverton, Utah 84065-4999 Commercial (801) 878-5503 Fax:(801) 878-5367.
4. Associated ATCAA:
 - a. ATCAA Name: None
 - b. ATCAA Altitudes: N/A

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 7
 - b. Total number of day's area was:
 - (1) Scheduled for use: 339
 - (2) Activated: 339
 - (3) Actually utilized: 339
 - c. Total number of hours per area was:
 - (1) Scheduled: 4068
 - (2) Activated: 4068
 - (3) Actually Utilized: 4068
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 4,692
 - b. Letter of agreement provisions: None
10. New chart Submitted/No Change: No Change
11. Remarks: Airspace was not scheduled in the special use airspace management system (SAMS) for 2020. This issue has been corrected and a schedule submitted for 2021. Total days/hours of actual utilization listed in this report does not accurately reflect utilization. Camp Williams Range Control identified that only live-fire utilization was recorded and usage for aircraft activities was not captured for 2020. A process has been initiated to accurately capture this usage for 2021. R-6421D is utilized in conjunction with this airspace during all

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

mortar/artillery live fire events. No airspace incursions were identified during this reporting period.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-6412D, Camp Williams UT
2. Reporting Period Dates: 1 October 2020 - 30 September 2021
3. Reporting Unit Name, Phone, FAX, POC Name and Email Address: Headquarters Camp W. G. Williams 17800 Camp Williams Road Riverton, Utah 84065-4999 Commercial (801) 878-5503 Fax:(801) 878-5367.
4. Associated ATCAA:
 - a. ATCAA Name: None
 - b. ATCAA Altitudes: N/A

(b) (3) (10 USC § 130e)



8. Utilization information:
 - a. Total number of aircraft sorties: 7
 - b. Total number of day's area was:
 - (1) Scheduled for use: 334
 - (2) Activated: 334
 - (3) Actually utilized: 334
 - c. Total number of hours per area was:
 - (1) Scheduled: 4008
 - (2) Activated: 4008
 - (3) Actually Utilized: 4008
9. Joint use information:
 - a. Total number of hours the area was returned to the controlling agency: 4,752
 - b. Letter of agreement provisions: None
10. New chart Submitted/No Change: No Change
11. Remarks: R-6412 D is used in conjunction with R-6412 C for Artillery and Mortar Fires. Its proximity to Garrison and number of firing points do affect its utilization. Also, it does conflict the commercial air corridor that fly's over that area. No airspace incursions were identified during this reporting period.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-6413, Green River, UT
2. Reporting period dates: 1 October 2020 through 30 September 2021
3. Reporting Unit Name and Phone: Range Operations, TEWS-ROO-R, DSN: 258-4087, Comm. (575) 678-4087, FAX: (575) 678-6429.

(b) (3) (10 USC § 130e)



7. Utilization Information:
 - (a) Total number of aircraft sorties: 0
 - (b) Total number of days the area was:
 - (1) Scheduled for use: 0
 - (2) Activated: 0
 - (3) Actually utilized: 0
 - (c) Total number of hours the area was:
 - (1) Scheduled for use: 0
 - (2) Activated: 0
 - (3) Actually utilized: 0
8. Joint-use information:
 - (a) Total number of hours the area was returned to the controlling agency: 8,760
 - (b) Letter of agreement provisions: None
 - (c) Number of hour's access was granted by the Using Agency to non-participating aircraft in accordance to the joint-use procedures agreement between the controlling and using agencies:
9. New chart submitted/No Change: No change

FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)

10. Remarks: No current usage for this airspace this year, but future plans are being formulated for calculating use in conjunction with other restricted airspace for a long range corridor option.

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

1. Restricted area number or MOA name: R-6703A, Fort Lewis, WA
2. Reporting period dates: 1 October 2020- 30 September 2021
3. Reporting Unit Name and Phone: DPTMS, Joint Base Lewis-McChord, WA. Robert Bright,
DSN: 347-6136, COM: (253) 966-6136, FAX: (253) 967-2959 (b) (6)
4. Associated ATCAA: None.

(b) (3) (10 USC § 130e)

8. Utilization information:
 - a. Total number of aircraft sorties: 2,426
 - b. Total number of days the area was:
 - (1) Scheduled for use: 7
 - (2) Activated: 42
 - (3) Actually Utilized: 42
 - c. Total number of hours the area was:
 - (1) Scheduled for use: 108

**FY21 SPECIAL USE AIRSPACE UTILIZATION REPORT
(RCS: 1412-DOT-AN)**

- (2) Activated: 457
- (3) Actually Utilized: 457

9. Joint use information:

- a. Total number of hours the area was returned to the controlling agency: 8,303
- b. Letter of agreement provisions: No

10. New chart submitted/No change: No change

11. Remarks: Published hours of operation: 0700-2300 Mon-Fri; other times, 2 hours in advance by NOTAM. Published altitudes: Surface to 14,000 feet MSL. Low utilization due to unit deployments.

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Name	Times of Designation	Hours Scheduled	Hours Activiated	Hours Utilized	Days Scheduled	Days Activiated	Days Utilized	REMARKS	Utilization Rate (Activated vs. Utilized)
R-2206	Continuous 0600-1900	365	365	365	8760	8760	8760	R2206 is a continuously active Restricted Area encompassing a missile warning radar	100%
BAGDAD 1 MOA	Mon-Fri, OTBN	235	235	235	1961.33	1485.85	1480.88		100%
FUZZY MOA	0700-1900 Daily, OTBN	265	265	265	1644.5	1644.5	1644.5		100%
GLADDEN 1 MOA	0600-1900 Mon-Fri, OTBN	235	235	235	1967	1501.03	1494.73		100%
JACKAL LOW MOA	0700-1800 Mon-Fri, By NOTAM, intermittent weekends by NOTAM	274	274	274	1340.83	1340.83	1340.83		100%
JACKAL MOA	0700-1800 Mon-Fri, By NOTAM, intermittent weekends by NOTAM	274	274	274	1343.83	1343.83	1343.83		100%
MORENCI MOA	0600-2100 Mon-Fri, OTBN	237	237	237	935.33	935.33	935.33		100%
OUTLAW MOA	0700-1800 Mon-Fri; 1800- 2200 Mon-Fri By NOTAM. Intermittent weekends By NOTAM	271	271	271	1106.83	1106.83	1106.83		100%
PLAYAS TEMPORARY MOA	May 7-21, 2021 and August 6-20, 2021; Continuous within those date ranges By NOTAM	22	22	22	81	81	81		100%
RESERVE MOA	0600-1900 Mon-Fri, OTBN	228	228	228	766	766	766		100%
RUBY 1 MOA	0600-1900 Mon-Fri, OTBN	265	265	265	1644.5	1644.5	1644.5		100%
SELLS 1 MOA	0600-1900 Mon-Fri, OTBN	275	275	275	2552.67	2233.22	2211.15		99%
SELLS LOW MOA	0600-1900 Mon-Fri, OTBN	274	274	274	2548.17	2228.67	2206.45		99%
TALON HIGH EAST MOA	Sunrise-sunset Monday- Friday; other times by NOTAM	234	234	234	1867.75	1512.72	1512.72		100%
TALON HIGH WEST MOA	Sunrise-sunset Monday- Friday; other times by NOTAM	234	234	234	1867.75	1512.72	1512.72		100%
TALON LOW MOA	Sunrise-sunset Monday- Friday; other times by NOTAM	234	234	234	1868.25	1518.12	1518.12		100%