



***305th Operations Group  
JB MDL, NJ***



**Welcome  
to  
McGuire Airfield (KWRI)**

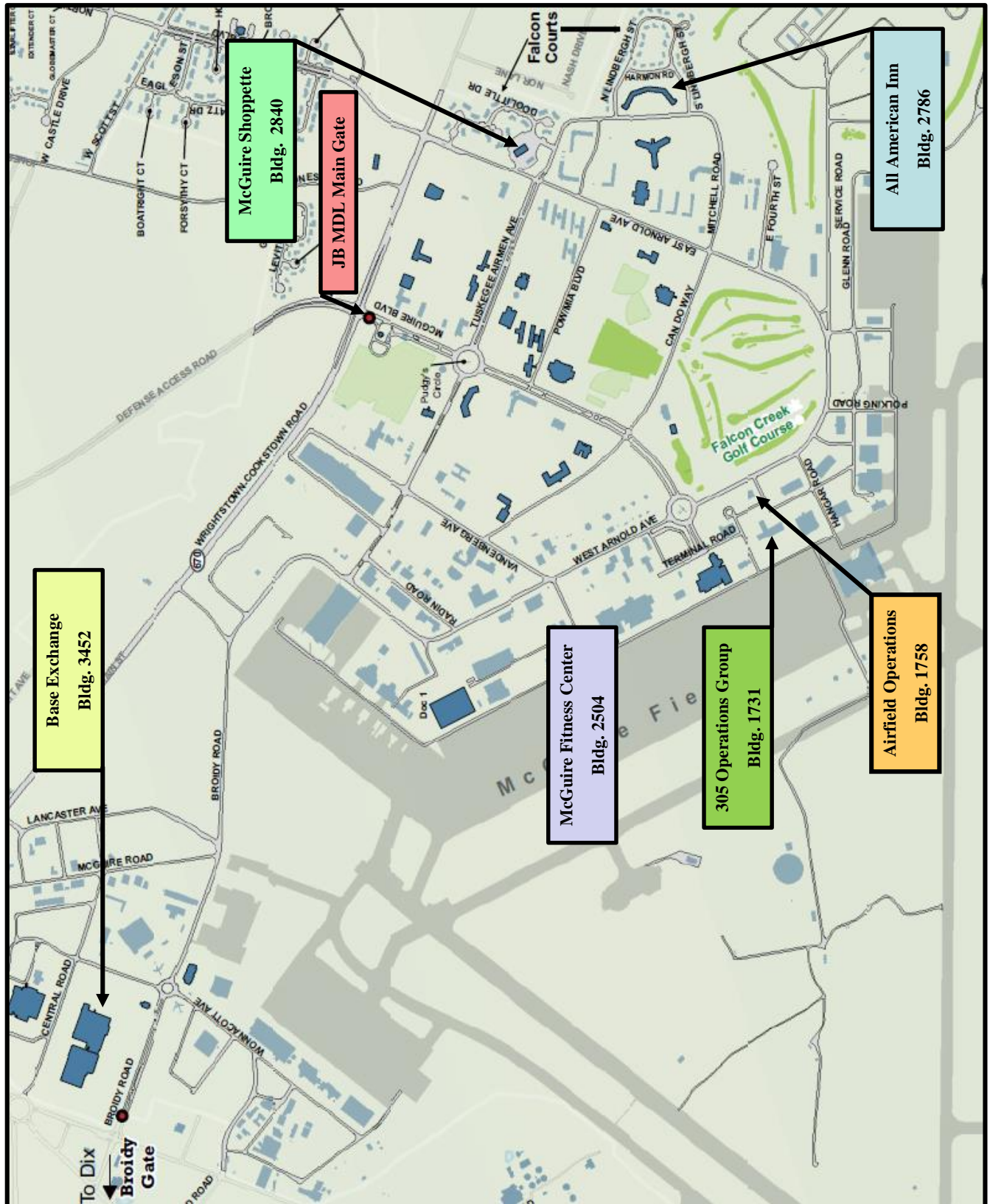
**Transient Aircrew Guide**  
**Airfield Management: 609-754-2712**



**FOR OFFICIAL USE ONLY (FOUO)**

**CAO: 1 April 2021**

# McGuire Air Force Base



# McGuire Airfield

- **Aerodrome.** As the DoD's only tri-service base, our airfield is home to a myriad of USAF, USA, and USN aircraft. McGuire Field is situated within one of the busiest air traffic route structures in the nation; the Boston/Washington corridor. Therefore, it is imperative that aircrews stay alert and comply with ATC instruction to prevent mishaps.
- Communication with air traffic control agencies and procedural knowledge will help keep you safe.
- KWRI has fourteen satellite airports generating a high volume of VFR traffic. Comply with ATC instruction and be cognizant for other aviators sharing the airspace.
- Pay close attention to NOTAMs. Construction information, hazards, outages, and other pertinent operational information have the potential to change rapidly.
- **Bird and Wildlife Strike Hazard (BASH) Program.** BASH is an Air Force Safety Program implemented to mitigate aircraft strike incidents. USDA officials actively monitor the airfield and use a variety of resources to reduce strike threats.

## McGuire Field BASH Phases:

- Phase I (1 Apr – 31 Oct) Normal state of posture for bird/wildlife activity.
- Phase II ( 1 Nov – 31 Mar) High prevalence of migratory bird/wildlife activity.
  - BASH Phase dates are approximates. (Changes will be published via NOTAMs)
  - The “BASH Window” is only in effect during BASH Phase II. The BASH window will be defined from actual (+/- 1 hour) sunrise and sunset times, not civil twilight.
- In addition to Phase I and Phase II periods, increased migration has been observed nightly during late summer/early fall, typically beginning in August.

## Bird Watch Condition Operational Restrictions (check ATIS and local NOTAMs)

- BWC Severe: No arrivals/departures unless OG/CC approved; aircrew will contact Command Post for approval coordination; no VFR/IFR pattern work authorized.
- BWC Moderate: IFR full stop landings only; no VFR pattern work authorized.
- BWC Low: No restrictions.
- **Inclement Weather.** New Jersey's location makes it vulnerable to winter weather activity. The region occasionally experiences high winds, thunderstorms, and during the summer months, although rarely, tornadoes.
- Pay close attention to weather dissemination tools/systems such as the METAR, JET, and NOTAMs.
- Transient aircrews may submit requests for flight weather briefings (175-1s) in person or via phone calling the Weather Flight at (609) 754-1130/3568.
  - **Lightning Activity.**
    - Lightning Watch: (No Operational Restrictions). Conditions are favorable for lightning activity within 5 NM of the airfield within 30 minutes. The watch shall not expire earlier than 30 minutes from issue.
    - Lightning Warning: Lightning has been observed or reported within 5 NM of the field. The warning will remain in effect until the threat has passed beyond 5 NM, moving away from the airfield.
    - Lightning Warning. Air Force occupational safety standards as well as installation policy dictate the following restrictions to JB MDL when lightning has been reported within 5 NM:
      - All personnel will cease outside activities and take appropriate shelter. No transient services/ground support authorized.
      - Outbound aircrews may continue preflight provided they don't require ground support.
      - Crews will not start engines or taxi out of the parking ramp during a lightning warning. They may taxi as soon as the ground marshaller has returned to his marshalling post.
      - All aircraft fuel service maintenance activities, including liquid oxygen servicing, shall cease whenever a Lightning Warning is in effect.
  - **Thunderstorms & Tornadoes.** Thunderstorms with heavy rain causing flash flooding is common between May and September. These are often associated with high winds, hail, and the potential for tornadoes.



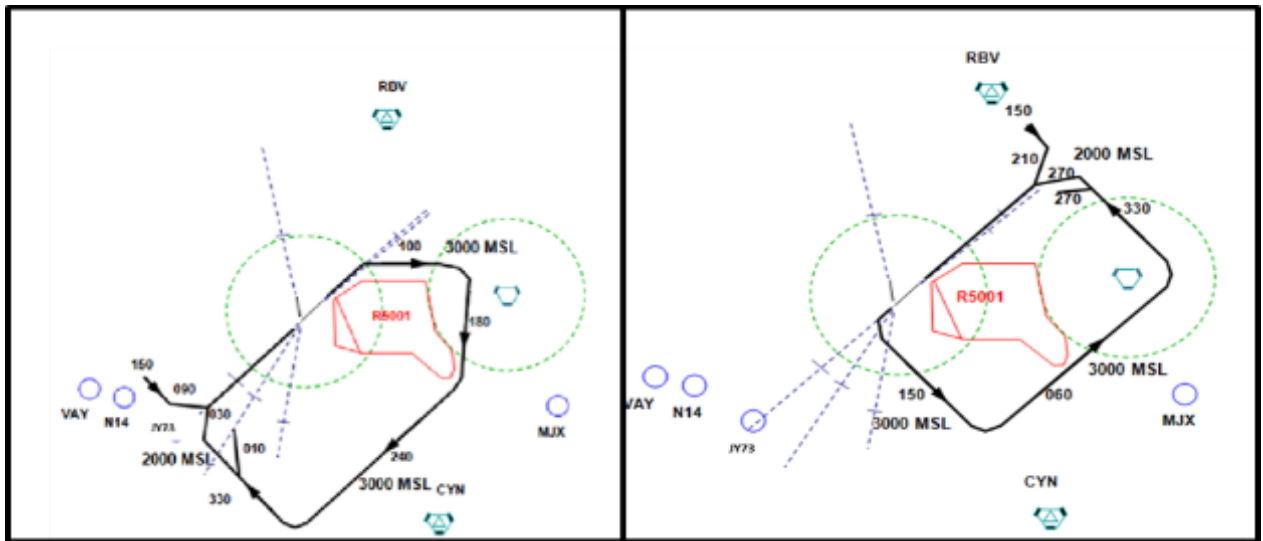
- **Airfield Driving.** See AMOPS to attain flight line competency training and license. Training consists of a local airfield orientation that will include where the member will be working and any designated routes that the member will be required to take. If you have a requirement to drive on the flight line, we would like to ask you to help us keep it safe. There are many diverse operations taking place (aircraft taxiing, construction, aircraft tows, helicopter ops, etc.). Be vigilant of restricted areas and entry control points. Adherence to the basic rules will enhance safe flight line operations.
  - Wear seatbelts!
  - Watch speed limits (15mph for general purpose vehicles, 10mph for special purpose vehicles, 5mph while operating within 50 feet of an aircraft, and 25mph while driving on Taxiways Lima, Hotel, and Golf).
  - Remember, aircraft have the right-of-way.
  - Follow established traffic flow (remain on right side of taxi centerline, approaching aircraft keep drivers side toward the aircraft).
  - Unattended vehicles should have keys in ignition, transmission in park, emergency brake engaged, flashers on, recommend chocks if you have them.
  - Use spotters when backing up.
  - No FOD checks are required when entering the airfield unless directed by 305 AMW/CV or designated representative.
- **Flight Plans.** These may be submitted in person at the AMOPS counter. Alternatively, a digital copy may be emailed to the following org box [sccbaseop@us.af.mil](mailto:sccbaseop@us.af.mil) or faxed to (609) 754-6465, however, the original document must be kept on file by the host flying unit. Please call AMOPS to confirm receipt. If flight plan is to be filed electronically elsewhere (i.e. ForeFlight), please send a courtesy copy to the AMOPS org box as well.
- **Safety Reminders.** JB MDL supports global operations 24/7. During deployments and exercises, the pace is typically accelerated by mission requirements. The duty day is normally longer and attention to detail becomes clouded by physical fatigue. Please “think before you act.” If you observe an unsafe practice, stop the operation prior to it becoming a link in the chain of events leading to a mishap. Apply ORM to mitigate risks, protect our resources so we can continue to execute the mission. Remember, if it doesn't look safe, it probably isn't.
  - Stay vigilant
  - Wear reflective belts/seat belts
  - Use flashlights at night
  - Wear personal protective equipment (gloves/ear protection/etc.)
  - Use spotters when backing
  - Watch speed limits



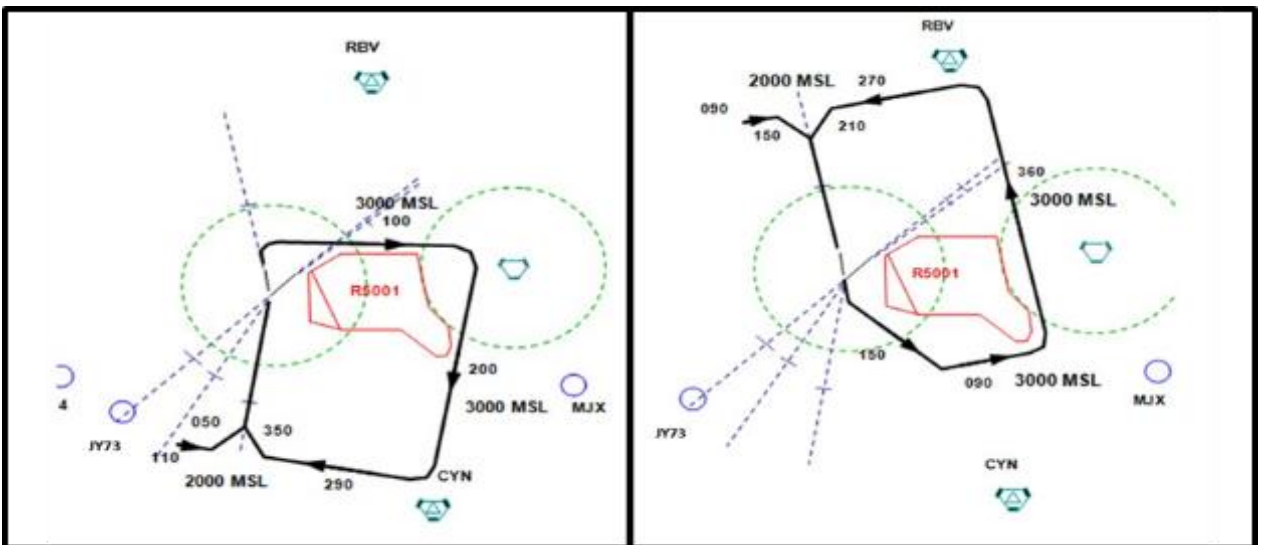
# Aircrew Professionalism

- **SECURITY.** Always be alert for abnormal or suspicious behavior. Exercise good situational awareness at all times. Notify SFS and/or OSI to report suspicious activity. Additionally, lost ID cards or line badges should be reported to authorities ASAP. (*SFS: 609-754-1731; OSI: 609-754-8830*)
- **OPSEC/COMSEC.** Never discuss sensitive/classified information over unsecured telephone lines or email. Never discuss flight plan information, cargo, troop strengths, etc. over the phone or via email. Utilize shred boxes/machines to discard of paper material.
- **PHOTOGRAPHY.** You are not allowed to take pictures on the flight line without coordinating with AMOPS prior. They will in turn coordinate with PA to obtain approval and provide guidelines/restrictions....otherwise our SF will likely confiscate your camera and you may even get a close look at the pavement or local holding cell.
- **PROTOCOL.** Remember to always render proper customs and courtesies. JB MDL not only hosts important U.S. Armed Forces personnel from all service branches, but plays host to numerous foreign officials as well.
- **PROFESSIONAL CONDUCT.** Remember you are a representative of your Unit, Service, and Country. The rules of behavior that are applicable at your home base apply here as well. For instance we expect no unprofessional relationships, no sexual harassment, no discrimination, etc. Our Service core values should guide your actions both on and off-duty.
- **UNIFORM & PERSONAL APPEARANCE.** Dress and appearance standards have not changed. Don't mix uniform items with civilian clothes. Wear only authorized patches on your flight suit. Please refrain from wearing morale/TDY patches. Aircrew visiting the dining facility must wear patches. The Flight line is a "no hat, no salute" area. Do remember; however, to wear your hats between the crew bus and AMOPS. Eye glasses (sun glasses) are not to be worn on top of the head or displayed on the uniform.
- **CLOTHING.** Portray a professional image at all times; don't wear clothing that draws unnecessary attention to yourself. Clothing with obscene or offensive pictures or wording is NOT allowed. Flip flops, tank tops, and dirty/sweaty clothes are not allowed in the dining facilities.

# McGuire Field Radar Traffic Patterns



Runway 06/24



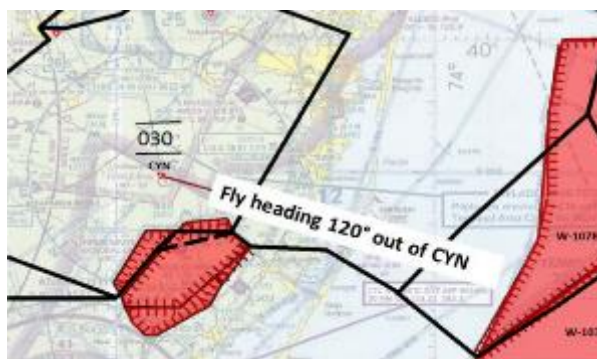
Runway 36/18

## KWRI VFR Pattern Altitudes

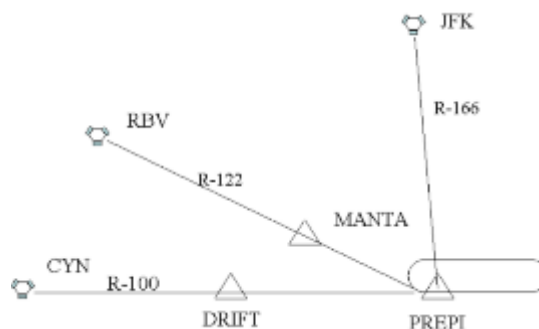
Helicopter	600' MSL
Utility/Light Aircraft	800' MSL
Heavy Aircraft	
(Rectangular Pattern)	1,600' MSL
Initial (Overhead Pattern)	2,100' MSL
Local RADAR Pattern	2,000 and/or 3,000 MSL

# Emergency Procedures Information

**Controlled Bailout.** Aircraft in distress will contact McGuire RAPCON on an emergency frequency, place the aircraft transponder to emergency setting and proceed to the Coyle VORTAC at an altitude of 3,000 feet MSL. All personnel except the pilot will bail out over the Coyle VORTAC. The pilot will fly a magnetic heading of 120 degrees for a period of two minutes past Coyle VORTAC or until reaching the coastline. Aircraft will be flown at the specified Tech Order KTAS, trimmed for level flight, the auto pilot will be engaged, if operable, and then the pilot will abandon the aircraft.

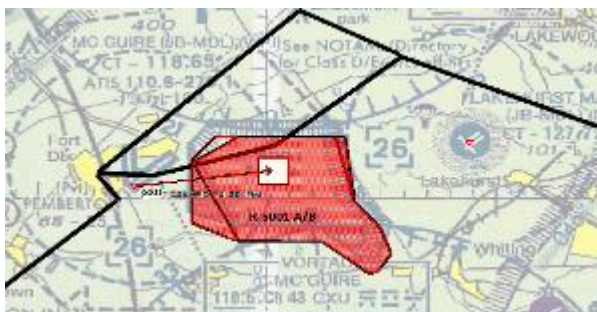


**Fuel Dump Area.** Located at the PREPI intersection (CYN 100 degree radial at 54 DME, RBV 122 degree radial at 62 DME) has been designated as the emergency fuel jettison area for the 108 Wing (108 WG), 514 AMW, and 305 AMW. Hold east of PREPI intersection, 7 NM legs with right turns. Altitudes may vary from 5,000 to 17,000 feet MSL as assigned by New York Center. Prior coordination with Atlantic City Approach control is required before approving 5,000 feet.



### External Stores Jettison Procedures.

- **Primary Salvo Area.** When possible, external stores will be jettisoned over the ocean in Warning Area 107. Recommend the Coyle VORTAC 120 radial be intercepted and flown so the item can be jettisoned beyond 20 DME at or below 2,500 feet.
- **Secondary External Stores Jettison Area.** A secondary area for emergency use only is a 1 nautical square mile area located in the center of the Ft Dix Firing Range (R5001A/B). The center of the drop area is 4.6 DME on the GXU 095 degree radial. The center point of the western edge is 7 NM south of the southern tip of Brindle Lake.



# Apron Parking Coordinates

Parking Spot	Longitude Decimal Degrees North	Latitude Decimal Degrees West	Parking Spot	Longitude Decimal Degrees North	Latitude Decimal Degrees West
A1	-74.5753	40.0256	R6	-74.5997	40.0307
B1	-74.5786	40.0230	R7	-74.5996	40.0302
B2	-74.5781	40.0235	R8	-74.5995	40.0296
B3	-74.5774	40.0240	R9	-74.5994	40.0291
B4	-74.5768	40.0245	R10	-74.5993	40.0282
B5	-74.5762	40.0250	R11	-74.5992	40.0277
F1	-74.5839	40.0245	R12	-74.5992	40.0271
F2	-74.5842	40.0240	V1	-74.5733	40.0284
F3	-74.5844	40.0234	V2	-74.5727	40.0288
F4	-74.5847	40.0229	V3	-74.5722	40.0293
G1	-74.5854	40.0249	V4	-74.5716	40.0297
G2	-74.5856	40.0244	Y1	-74.6068	40.0225
G3	-74.5858	40.0238	Y2	-74.6069	40.0229
G4	-74.5861	40.0233	Y3	-74.6069	40.0233
H1	-74.5869	40.0253	Y4	-74.6070	40.0238
H2	-74.5871	40.0248	Y5	-74.6071	40.0242
H3	-74.5873	40.0242	Y6	-74.6072	40.0246
H4	-74.5876	40.0236	Y7	-74.6073	40.0252
I1	-74.5885	40.0257	Y8	-74.6073	40.0257
I2	-74.5887	40.0252	Y9	-74.6074	40.0262
I3	-74.5890	40.0246	Z1	-74.6080	40.0224
I4	-74.5892	40.0241	Z2	-74.6081	40.0228
J1	-74.5900	40.0261	Z3	-74.6082	40.0232
J2	-74.5903	40.0256	Z4	-74.6082	40.0236
J3	-74.5905	40.0250	Z5	-74.6083	40.0241
J4	-74.5906	40.0243	Z6	-74.6084	40.0247
K1	-74.5915	40.0265	Z7	-74.6085	40.0251
K2	-74.5918	40.0259	Z8	-74.6085	40.0257
K3	-74.5920	40.0254	Z9	-74.6086	40.0262
K4	-74.5921	40.0247	511	-74.6064	40.0135
L1	-74.5931	40.0269	512	-74.6061	40.0136
L2	-74.5933	40.0264	513	-74.6057	40.0137
L3	-74.5936	40.0258	514	-74.6053	40.0139
L4	-74.5937	40.0251	521	-74.6061	40.0128
M1	-74.5949	40.0274	522	-74.6058	40.0129
M2	-74.5952	40.0268	523	-74.6054	40.0131
M3	-74.5954	40.0261	524	-74.6050	40.0132
M4	-74.5955	40.0257	531	-74.6060	40.0121
N1	-74.5967	40.0279	532	-74.6058	40.0122
N2	-74.5970	40.0272	533	-74.6056	40.0123
N3	-74.5974	40.0266	534	-74.6053	40.0124
R1	-74.6000	40.0340	535	-74.6051	40.0125
R2	-74.5999	40.0333	536	-74.6049	40.0125
R3	-74.5997	40.0327	537	-74.6047	40.0126
R4	-74.5997	40.0320	538	-74.6045	40.0127
R5	-74.5998	40.0313			



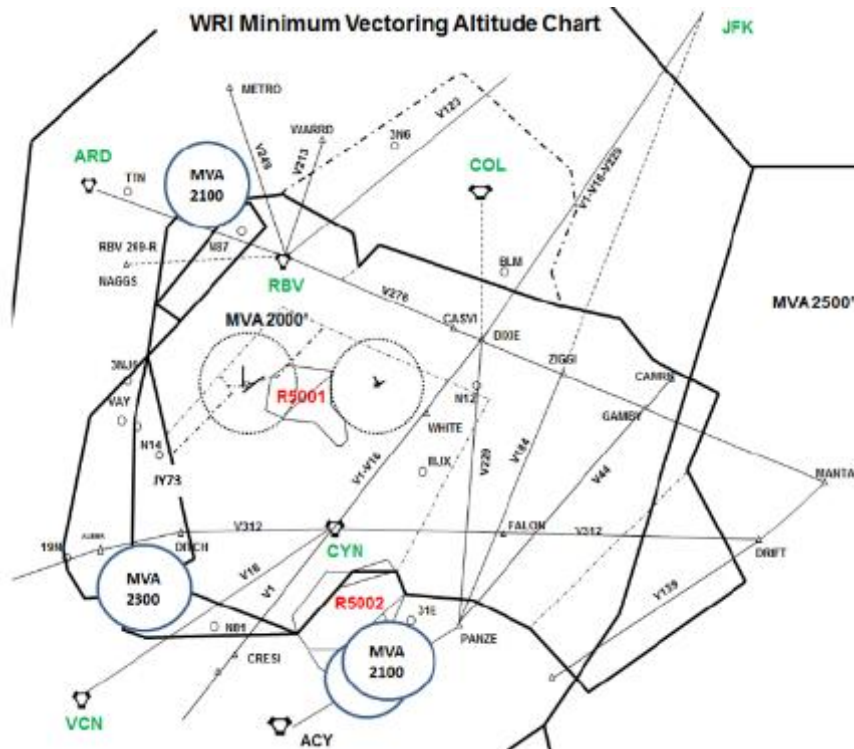
# Frequencies

FACILITY/AGENCY	VHF	UHF
WRI Tower (LC)	118.65	255.6
WRI Ground (GC)	121.8	275.8
WRI ATIS	110.6	270.1
WRI Approach/Departure	126.475	363.8
WRI Arrival	120.25	290.9
WRI RFC (PAR)	119.05, 120.0	269.025
WRI Clearance Delivery (CD)	135.2 (126.15 for BLM)	335.8
WRI AMOPS (PTD)	134.1 (Cmd Post Freq)	372.2
Weather (WX)	N/A	239.8
Command Post (AMC OPS-Brickyard)	134.1	Out of Service UFN
Lakehurst Tower (NEL)	127.775	360.2

# Satellite Airports

AIRPORT NAME	3-LETTER ID	RUNWAY(S)	SERVICES AVAILABLE
Lakehurst/Maxfield Field (JB MDL)	NEL	6/24 (w/ adj ALZ) & 15/33	Tower 127.775/360.2 (Published hours)
South Jersey Regional	VAY	8/26	ASOS 119.325, GCO, UNICOM & PCL
Monmouth Executive	BLM	3/21 & 14/32	AWOS-3 121.625, CLNC DEL-126.15 & UNICOM
Lakewood	N12	6/24	AWOS-AV 122.8, GCO & UNICOM/PCL
Ocean County	MJX	6/24 & 14/32	AWOS-3 119.875 & UNICOM/PCL
Red Lion	JY73	5/23	*Private SW of WRI
Lumberton/Flying W	N14	1/19	VAY ASOS & UNICOM/PCL
Trenton-Robbinsville	N87	11/29	UNICOM & PCL
Old Bridge	3N6	6/24	BLM AWOS, GCO & UNICOM/PCL
Camden County	19N	5/23	VAY ASOS & UNICOM/PCL
Hammonton Muni	N81	3/21	AWOS, GCO, UNICOM & PCL
Eagles Nest	31E	14/32	MJX AWOS-3 & CTAF
Inductotherm	3NJ6	2/20	*PHL Sat (w/ IFR coord)
Redwing Airpark	2N6		*Grass strips West of WRI
Pemberton	3NJ1		*Private West of WRI

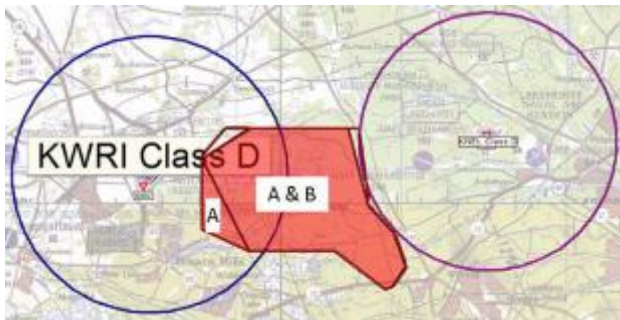
# McGuire RAPCON Airspace





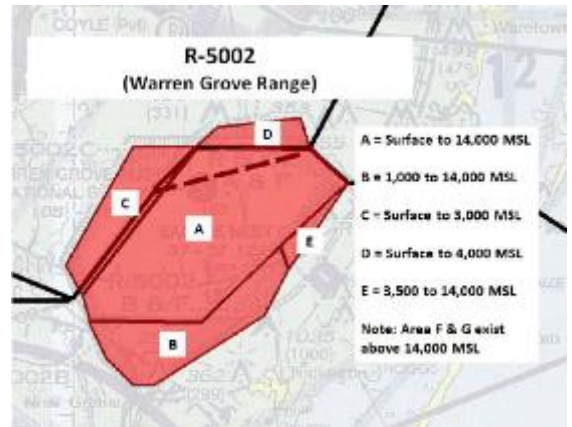
# Special Use Airspace at a Glance

## Restricted Area 5001 (R-5001)

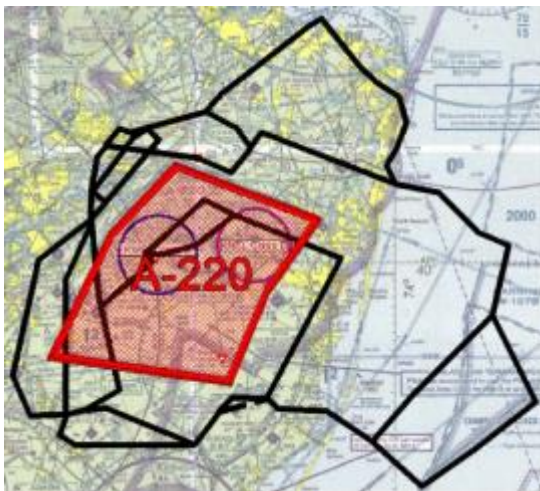


- R-5001 is predominantly considered a Controlled Firing Area (CFA) for ATC purposes.
- R-5001A consists of the entire range boundary (A+A&B) from the surface to 4,000 MSL.
- R-5001B consists of the A&B portion starting at 4,000 MSL to 8,000 MSL.

## Restricted Area 5002 (R-5002)

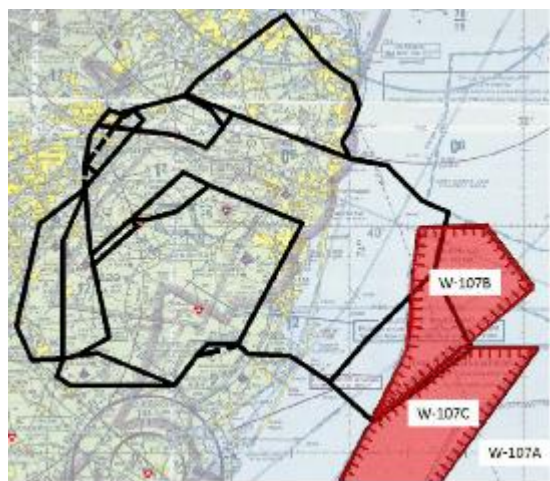


## Alert Area 220 (A-220)



- A-220 is active 0800 – 2200L daily, from the surface to 4,500 feet MSL (with the exception of the SW corner which only goes up to the base of the PHL Class B).

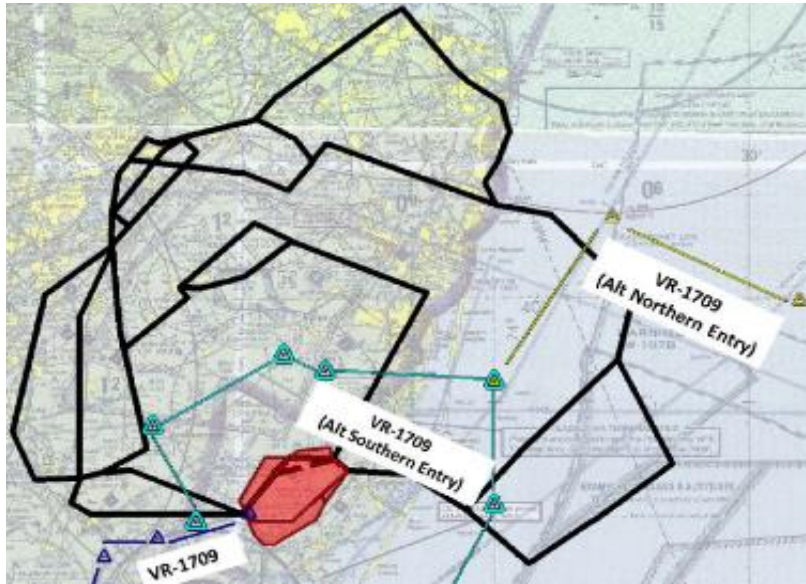
## Warning Area 107 (W-107)



- W-107 exists off of the East coast and has two areas that impact McGuire RAPCON airspace; W-107B and W-107C.
- When active, W-107B exists from the surface to 1,999' MSL and W-107C exists from the surface to FL-180.

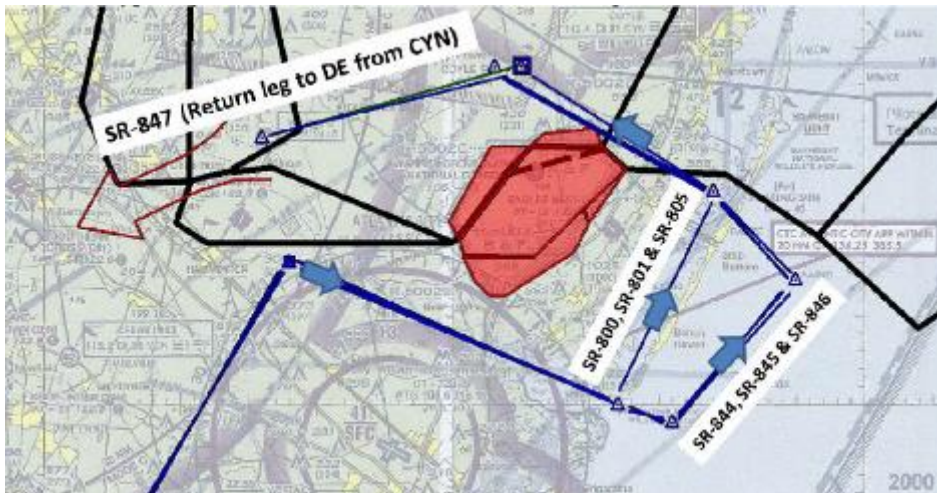
# Military Training Routes (MTRs)

## VFR Military Training Route (VR) 1709



- VR-1709 is owned by the 177FW/DET1 (ANG) in Atlantic City, NJ.
- It is scheduled by the EASTERN AIR DEFENSE SECTOR (EADS).
- Specific details about the route are covered in FLIP AP/1B.

## Slow Speed Low Altitude Training Routes (SRs)



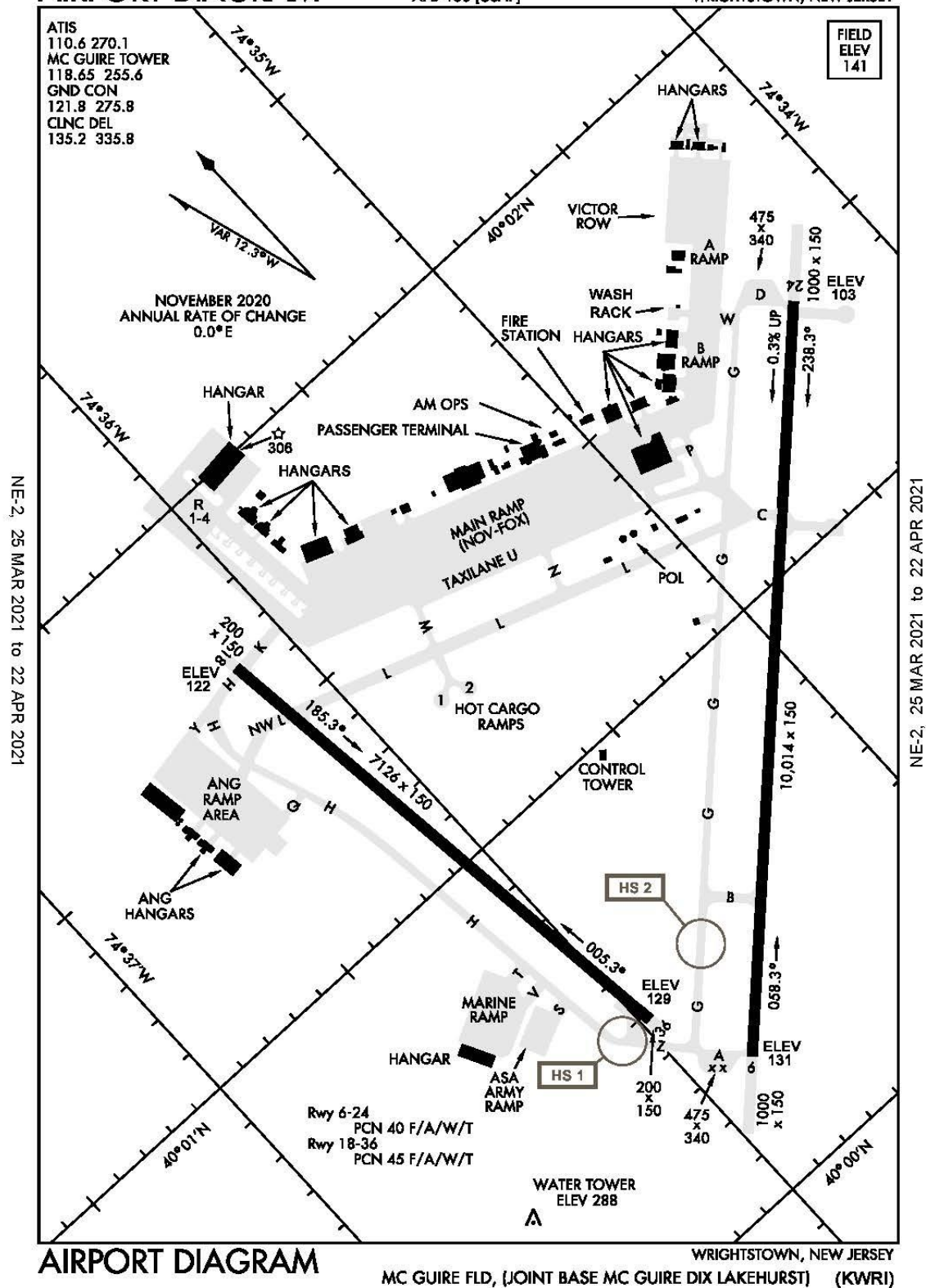
- There are seven SRs that transit McGuire RAPCON's delegated airspace (SR-800, SR-801, SR-805, SR-844–SR-847).
- These SRs are owned and scheduled by the Delaware ANG (C-130 unit), however, JB MDL H/C-17's (6 AS) typically, schedule these routes for local training.



## AIRPORT DIAGRAM

AFD-150 [USAF]

WRIGHTSTOWN, NEW JERSEY



**CAO: 1 April 2021**

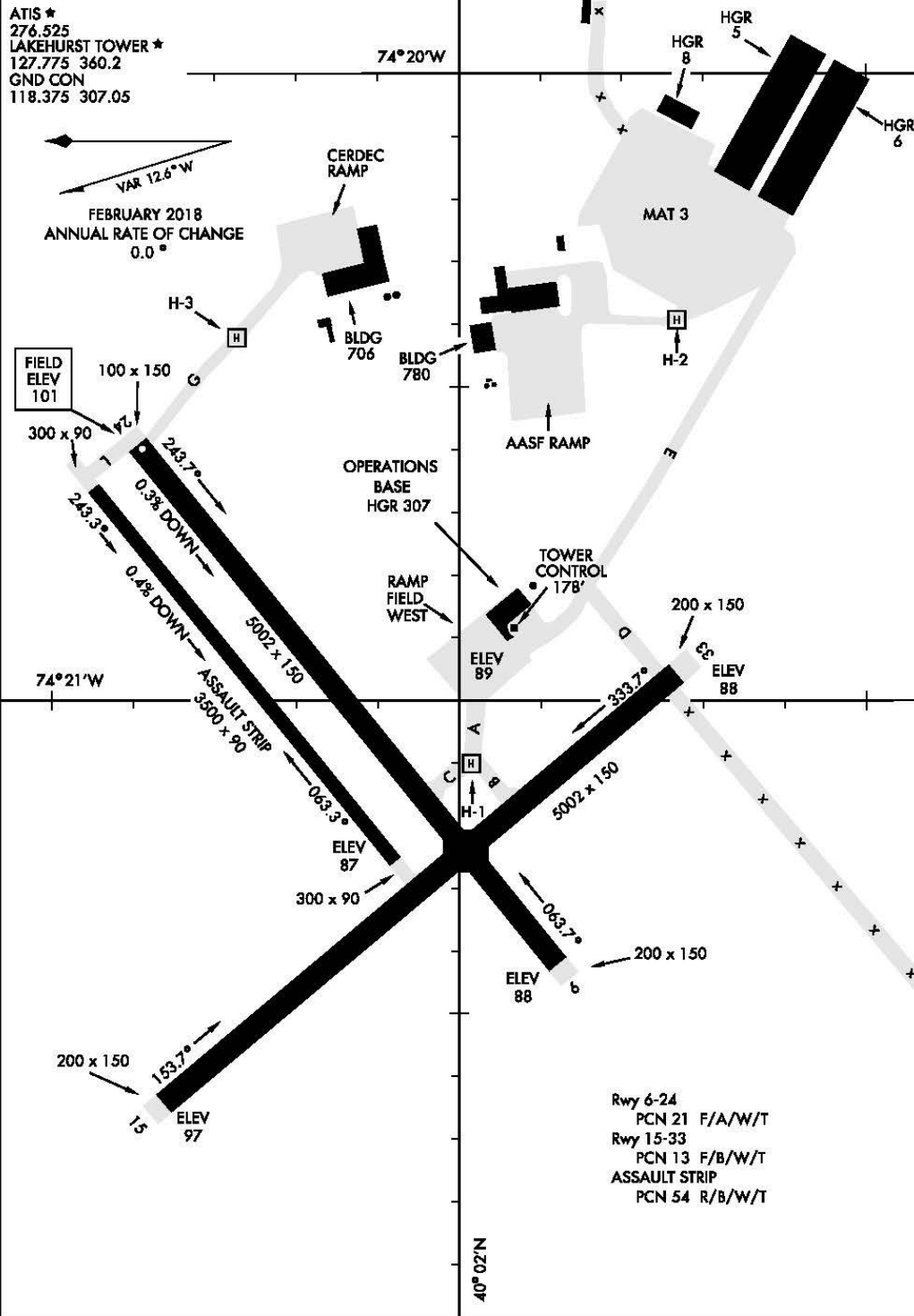
18032

**AIRPORT DIAGRAM**

LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

AFD-223 [USN]

LAKEHURST, NEW JERSEY



NE-2, 25 MAR 2021 to 22 APR 2021

NE-2, 25 MAR 2021 to 22 APR 2021

**CAO: 1 April 2021****AIRPORT DIAGRAM**

LAKEHURST, NEW JERSEY

LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

# JB MDL Resource Directory

## McGuire

Area code 609,  
DSN 650, Pre-fix 754

## Dix

Area code 609,  
DSN 562, Pre-fix 754

## Lakehurst

Area code 732,  
DSN 624, Pre-fix 323

### Airfield Operations (McGuire)

- AMOPS 754-2712
- Airfield Manager 754-6466
- AOF/CC 754-5466
- Control Tower 754-2375
- RAPCON 754-2275

### AAFES/Base Exchange

- BX 723-6004
- Express & Gas 723-0469
- Military Clothing Sales 723-6100

### Base Operator

- McGuire/Fort Dix 754-1110
- Lakehurst 732-323-2011

### Base Status

- McGuire/Fort Dix 754-2273
- Lakehurst 732-323-4147

**Note:** Visit the official JB MDL webpage at [jbmdl.jb.mil](http://jbmdl.jb.mil) for more information or download the JB MDL app for latest alerts/HPCON changes.

### Billeting

- McGuire/Fort Dix 754-4667
- Lakehurst 323-2266

### Clinics

- Appointments 377-2778
- Dental Clinic 754-3786
- Flight Medicine 866-377-2778
- Medical Clinic 754-9200

### Base Resources

- American Red Cross 877-272-7337
- Base Chapel 754-4673
- Command Post 754-3935
- Crew Comm 754-2937
- Intel 754-4576
- Legal 754-2010
- Library 754-2079
- Mil/Family Support 754-3154
- OGV (Stan/Eval) 754-6903
- Protocol 754-2405
- Safety Office 754-5851
- Tactics 754-4579
- Transient Alert 754-2631
- Weather 754-1130/3568

### OSS Scheduling

- C-17 754-6488
- KC-10 754-6961

### Security Forces Squadron

- Emergency 911
- Non-Emergency/SFS 562-6001
- Welcome Centers 754-3628  
562-6606  
323-2693

### Transportation

- Crew Bus 754-3004
- Enterprise Rental 609-518-9920

**Note:** Uber/Lyft are not authorized to operate on the installation.

# Additional Services & Facilities

## Food Facilities

- Express Shoppette 723-0469  
Mon–Thu: 0600–2100 Fri–Sun: 0600–2200
- Flight Kitchen 752-4461 (*Call Ahead for Flight Meals 24/7*)  
Mon–Fri: Breakfast 0600–0900 Lunch 1030–1330 Dinner 1630–1830  
Sat–Sun: Breakfast 0630–0830 Lunch 1030–1330 Dinner 1630–1830
- Pudgy’s Sports Pub 724-0443  
Sun–Thu: 1100–2200 Fri–Sat: 1100–2300
- Commissary 754-2153  
Mon–Fri: 0700–2000 Sat: 0900–2000 Sun: 1000–1900
- Subway 723-7700  
Mon–Sun: 0900–2000
- Halvorsen Hall DFAC 754-2450  
Mon–Fri: Breakfast 0600–0800 Lunch 1100–1300 Dinner 1700–1930  
Sat–Sun: Brunch 0600–1300 Dinner 1700–1930
- Pizza Hut 723-2992  
Sun–Thu: 1100–2000 Fri–Sat: 1100–2100
- Burger King 723-8937  
Mon–Sun: 0600–0000
- Dunkin’ Donuts 723-3450  
Mon–Sun: 0600–1900

## Services Squadron

- Fountain Green Golf 562-5443  
Mon–Sun: 0700–1400
- Pine Ridge Pool 323-2808  
(*Hours Vary*)
- Airman’s Firehouse 754-2233  
Mon–Wed: 1100–2100 Thu–Fri: 1100–1600 Thu–Sat: 1600–2000 (E1–E4)
- Bowling Center 562-6895/323-2027  
Mon: *Closed* Tue–Thu: 1100–2200 Fri: 1200–2300 Sat: 1200–2300  
Sun: 1200–2000
- Recreation Center 562-4956  
(*Hours Vary*)
- McGuire Fitness Center 754-6085  
Mon–Fri: 0500–2100 Sat–Sun: 0700–1500
- Doughboy Gym 562-5780  
Mon–Fri: 0500–2200 Sat–Sun: 0900–1700