



HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME ARIES	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Matthew J. Carbaugh		PHONE NUMBER (DSN) 236-7508	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER MICHAEL.1120577731 Date: 2025.09.02 14:57:20 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:35:23 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 030/210	B. GRID (MGRS)	C. TRUE 020/200	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3918 0295	WGS84 LATITUDE (D-M.MM) N37-02.1920	WGS84 LONGITUDE (D-M.MM) W077-55.9415	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 350	B. WIDTH (FEET) 280	C. ELEVATION 206' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 1/H-47: 2/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 0-3°. Significant sloping adjacent to roads.		
9. REMARKS				
<p>DESCRIPTION: Grass field located next to range control that is roughly 5 Kilometers to the south east of Blackstone Army Airfield, just west of the impact area, and to the northern vicinity of the CACTF and MOUT site.</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. Parking lots to the east with possible vehicles (0.02NM @ 115°).</p> <p>b. Multiple Buildings to the north (0.05NM @ 033° & 0.11NM @ 033°).</p> <p>c. Major traveled road to the south and east (0.04NM @ 202° & 0.04NM @ 108°).</p> <p>d. Buildings to the south (0.05NM @ 202°).</p> <p>e. Range Control Building to the east (0.06NM @ 112°).</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees to the west (100' AGL / 0.04NM @ 281°).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. Power Lines / 80' AGL / 0.03 NM @ 203° / 0.04NM @ 108° / 0.03NM @ 026° / 0.04NM @ 292°.</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located northwest and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 0.42NM @ 091° from LZ centerpoint.</p>				

HLZ NAME
AIRES

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME BACCHUS	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 14:59:14 -04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:38:16 -04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 010/190	B. GRID (MGRS)	C. TRUE 360/180	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3624 0622	WGS84 LATITUDE (D-M.MM) N37-03.9121	WGS84 LONGITUDE (D-M.MM) W077-57.9929	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 140	B. WIDTH (FEET) 140	C. ELEVATION 406' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 0/H-47: 1/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 0-3°		
9. REMARKS				
<p>DESCRIPTION: A small grass LZ to the southern end of Blackstone Army Airfield.</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Parking lots to the west with possible vehicles (0.08NM @ 274°). Airfield fence (8' / 0.07NM @ 012°). Major traveled road to the south (0.07NM @ 181°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Sloping terrain the the south. Trees to the north (100' AGL / 0.06NM @ 324°). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> Power Lines / 80' ASL / 0.09 NM @ 182°. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located northeast and HLZ is within BAAF controlled airspace. Restricted area located 1.76NM @ 267° from LZ centerpoint. 				

HLZ NAME
BACCHUS

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME BADGER	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:00:00 -04'00'
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:40:59 -04'00'
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 120/300	B. GRID (MGRS)	C. TRUE 110/290	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3959 0702	WGS84 LATITUDE (D-M.MM) N37-04.3992	WGS84 LONGITUDE (D-M.MM) W077-55.7602	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 540	B. WIDTH (FEET) 190	C. ELEVATION 374' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 0/H-47: 2/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°		
9. REMARKS				
<p>DESCRIPTION: A grass LZ located 1 kilometer east of Blackstone Army Airfield and just to the north west of the impact area. *Up to 30 day prior coordination to ensure surface prep.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Road to the north and east (0.04NM @ 019° & 0.04NM @ 100°). Major traveled road to the south (0.05NM @ 189°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees to the north, west, and south (100' AGL / 0.02NM @ 016° / 100' AGL / 0.05NM @ 277° / 100' AGL / 0.01NM @ 189°). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> Power Lines / 80' AGL / 0.05NM @ 187°. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located west and HLZ is within BAAF controlled airspace. Impact area located 0.34NM @ 163° from LZ centerpoint. 				

HLZ NAME
BADGER

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME BEAVER EAST	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:00:19 -04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1256291854 Date: 2025.09.03 09:41:45 -04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 170/350	B. GRID (MGRS)	C. TRUE 160/340	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3966 0235	WGS84 LATITUDE (D-M.MM) N37-01.8793	WGS84 LONGITUDE (D-M.MM) W077-55.5910	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 200	B. WIDTH (FEET) 130	C. ELEVATION 341' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 0/H-47: 1/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°. >7° on the southern side.		
9. REMARKS				
<p>DESCRIPTION: Grass field located on the east side of the MOUT site that is roughly 6 Kilometers to the south east of Blackstone Army Airfield, just east of the CACTF, and just west of the impact area. *Helipad can support up to an H-60 aircraft.*</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. Multiple Buildings to the west (0.03NM @ 275°).</p> <p>b. Road to the south (0.02NM @ 174°).</p> <p>c. CONEX Boxes on LZ (0.01NM @ 086°).</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees surrounding LZ (100' AGL / 0.02NM in all directions).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. None.</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located northwest and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 0.13NM @ 089° from LZ centerpoint.</p> <p>c. CONEX boxes cover underground training area. Use caution for personnel exiting.</p> <p>d. Suggest landing on western side of the LZ centerline due to CONEX boxes.</p>				

HLZ NAME
BEAVER EAST

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME BEAVER WEST	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:00:37 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:42:47 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 010/190	B. GRID (MGRS)	C. TRUE 360/180	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3928 0258	WGS84 LATITUDE (D-M.MM) N37-01.9973	WGS84 LONGITUDE (D-M.MM) W077-55.8666	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 180	B. WIDTH (FEET) 150	C. ELEVATION 442' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 0/H-47: 1/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 0-3°		
9. REMARKS				
<p>A well maintained grass LZ located on the west side of the CACTF, that is just north west of Beaver East and just south east of Aries. *Helipad can support up to an H-60 aircraft.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Multiple Buildings to the east and south (0.01NM @ 097° & 0.02NM @ 192°). Road to the south, east, and west (0.04NM @ 182°, 0.07NM @ 094°, & 0.02NM @ 275°). Access road to the south (0.04NM @ 180°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees surrounding the LZ (100' AGL / 0.03NM-0.05NM in all directions). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> Power Lines / 80' AGL / 0.01 NM @ 271°. Tower/ 201' AGL / 0.2NM @ 024°. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located northwest and HLZ is within BAAF controlled airspace. Impact area located 0.4NM @ 092° from LZ centerpoint. 				

HLZ NAME
BEAVER WEST

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME BRICK	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:00:54 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1256291854 Date: 2025.09.03 09:43:37 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 180/360	B. GRID (MGRS)	C. TRUE 170/350	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TF	D. EASTING 18S UF	E. NORTHING 18S TG
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TF 4164 9610	WGS84 LATITUDE (D-M.MM) N36-58.5366	WGS84 LONGITUDE (D-M.MM) W077-54.1473	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 850	B. WIDTH (FEET) 150	C. ELEVATION 390' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 2/H-47: 4/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 0-3°		
9. REMARKS				
<p>DESCRIPTION: A grass and brush LZ, located at the southernmost portion of the reservation, just south of MA 53. *Up to 30 day prior coordination to ensure surface prep.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> MA53 LZ to the north (0.1NM @ 347°). Road traveling through north section of LZ. Road to the east (0.19NM @ 090°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees to the north (110' AGL / 0.18NM @ 347°). Trees to the SE (110' AGL / 0.09NM @ 123°). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> None. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located northand HLZ is within BAAF controlled airspace. Impact area located 2.03NM @ 358° from LZ centerpoint. 				

HLZ NAME
BRICK

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME CASTLES	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:01:15 -04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:44:30 -04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 040/220	B. GRID (MGRS)	C. TRUE 030/210	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 4390 0867	WGS84 LATITUDE (D-M.MM) N37-05.3632	WGS84 LONGITUDE (D-M.MM) W077-52.8800	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 4100	B. WIDTH (FEET) 100	C. ELEVATION 374' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 12/H-47: 20/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 0-3°		
9. REMARKS				
<p>DESCRIPTION: A long, hard packed dirt landing strip, located 7 kilometers east of Blackstone Army Airfield, in the north western corner of the reservation.</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> UAS launch pad and facilities to the SW (0.26NM @ 221°). CONEX containers to the east (0.08NM @ 083°). Road to the north, south, west, and east (0.2NM @ 026°, 0.06NM @ 180°, 0.17NM @ 271°, & 0.04NM @ 091°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees to the west (100' AGL / 0.16NM @ 281°). Trees to the NE (100' AGL / 0.26NM @ 041°). Trees to the SW (100' AGL / 0.24NM @ 238°). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> Antennas / 40' AGL / Along LZ to the west. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located southwest and HLZ is within BAAF controlled airspace. Impact area located 1.36NM @ 182° from LZ centerpoint. 				

HLZ NAME
CASTLES

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME CIGAR	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:01:34 -04'00'
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:45:21 -04'00'
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 010/190	B. GRID (MGRS)	C. TRUE 360/180	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 4064 0786	WGS84 LATITUDE (D-M.MM) N37-04.8716	WGS84 LONGITUDE (D-M.MM) W077-55.0638	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 630	B. WIDTH (FEET) 120	C. ELEVATION 337' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 0/H-47: 3/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°. >7° on northeastern side.		
9. REMARKS				
<p>DESCRIPTION: A tight grass LZ located 2 kilometers east of Blackstone Army Airfield and just to the north of the impact area. *Up to 30 day prior coordination to ensure surface prep.*</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. Road to the south (0.06NM @ 180°).</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees surrounding the LZ (100' AGL / 0.02NM-0.07NM).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. None.</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located west and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 0.69NM @ 157° from LZ centerpoint.</p>				

HLZ NAME
CIGAR

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME COBALT	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:01:58 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:46:05 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 170/350	B. GRID (MGRS)	C. TRUE 160/340	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 4446 0742	WGS84 LATITUDE (D-M.MM) N37-04.6974	WGS84 LONGITUDE (D-M.MM) W077-52.4756	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 950	B. WIDTH (FEET) 650	C. ELEVATION 364' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 4/H-47: 8/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°		
9. REMARKS				
<p>DESCRIPTION: A large, irregular shaped grass LZ that can facilitate multiple approach directions, located in the northern training area just south east of Castles DZ. *Up to 30 day prior coordination to ensure surface prep.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Road travels west to east directly through the center of the LZ. Fence to the SE (0.11NM @ 112°). Tree located directly east of the centerpoint on the LZ. Road located west (0.06NM @ 267°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees to the south (100' AGL / 0.08NM @ 171°). Trees to the west (100' AGL / 0.08NM @ 258°). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> None. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located west and HLZ is within BAAF controlled airspace. Impact area located 0.54NM @ 171° from LZ centerpoint. 				

HLZ NAME
COBALT

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME DUST DEVIL	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:02:23 -04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:46:59 -04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 010/190	B. GRID (MGRS)	C. TRUE 360/180	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3670 0713	WGS84 LATITUDE (D-M.MM) N37-04.4097	WGS84 LONGITUDE (D-M.MM) W077-57.7080	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 1000	B. WIDTH (FEET) 190	C. ELEVATION 419' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 3/H-47: 5/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 0-3°		
9. REMARKS				
<p>DESCRIPTION: A dirt and grass landing strip parallel to the old runway at Blackstone Army Airfield. *Up to 30 day prior coordination to ensure surface prep.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Aircraft and UAS operations on adjacent closed runway (0.05NM @ 271°). Active Runway to the SE (0.36NM @ 135°). Major traveled road to the south and east (0.04NM @ 202° & 0.04NM @ 108°). Active dropzone to the east (0.22NM @ 084°). UAS closed traffic pattern NE (0.43NM @ 026°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees to the west (100' AGL / 0.1NM @ 268°). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> None. Additional Information and Airspace: <ol style="list-style-type: none"> HLZ is located on BAAF (KBKT). Impact area located 1.93NM @ 109° from LZ centerpoint. 				

HLZ NAME
DUST DEVIL

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME GRIZZLY	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY,CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:02:44 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:48:22 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 100/280	B. GRID (MGRS)	C. TRUE 090/270	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TF	D. EASTING 18S UF	E. NORTHING 18S TG
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TF 4029 9923	WGS84 LATITUDE (D-M.MM) N37-00.2046	WGS84 LONGITUDE (D-M.MM) W077-55.1189	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 1000	B. WIDTH (FEET) 200	C. ELEVATION 337' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 1/H-47: 3/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE >7°		
9. REMARKS				
<p>DESCRIPTION: A grass LZ located at the Demo Range, south of the impact area. Will require prior coordination. *Up to 30 day prior coordination to ensure surface prep.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Trees located on/near LZ (0.03NM @ 125°). Demo area to the west (0.06NM @ 272°). Road to the east and trails on LZ (0.14NM @ 127°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees to the south (100' AGL / 0.03NM @ 238°). Trees to the NE (100' AGL / 0.05NM @ 045°). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> None. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located north and HLZ is within BAAF controlled airspace. Impact area located 0.73NM @ 019° from LZ centerpoint. 				

HLZ NAME
GRIZZLY

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME HAWK	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:03:19 -04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:49:56 -04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 130/310	B. GRID (MGRS)	C. TRUE 120/300	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3647 0072	WGS84 LATITUDE (D-M.MM) N37-00.9448	WGS84 LONGITUDE (D-M.MM) W077-57.7234	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 960	B. WIDTH (FEET) 670	C. ELEVATION 350' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 2/H-47: 6/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°		
9. REMARKS				
<p>DESCRIPTION: A grass LZ, split by a heavy sloping area, located 4 kilometers south of Blackstone Army Airfield. *Up to 30 day prior coordination to ensure surface prep.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Trees located in the middle of the LZ. Portable buildings to the west (0.06NM @ 273°). Road to the south, west, and east (0.05NM @ 202° / 0.05NM @ 278° / 0.06NM @ 117°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees to the west (100' AGL / 0.07NM @ 265°). Trees to the south (100' AGL / 0.08NM @ 187°). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> Power Lines / 80' AGL / 0.03 NM @ 203° / 0.04NM @ 108° / 0.03NM @ 026° / 0.04NM @ 292°. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located north and HLZ is within BAAF controlled airspace. Impact area located 1.87NM @ 079° from LZ centerpoint. 				

HLZ NAME
HAWK

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME MA53	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:03:57 -04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:50:47 -04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 100/280	B. GRID (MGRS)	C. TRUE 090/270	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TF	D. EASTING 18S UF	E. NORTHING 18S TG
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TF 4151 9626	WGS84 LATITUDE (D-M.MM) N36-58.6207	WGS84 LONGITUDE (D-M.MM) W077-54.2339	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 1000	B. WIDTH (FEET) 60	C. ELEVATION 390' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 3/H-47: 5/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 0-3°		
9. REMARKS				
<p>DESCRIPTION: An improved landing strip, located at the southern most part of the reservation, just north of LZ Brick.</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. LZ Brick located south (0.05NM @ 121°).</p> <p>b. Trail and road to the south and east (0.04NM @ 155° & 0.26NM @ 100°).</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees to the north (110' AGL / 0.05NM @ 337°).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. None.</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located north and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 1.88NM @ 004° from LZ centerpoint.</p>				

HLZ NAME
MA53

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME MERCY HELIPAD	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:04:40 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:51:41 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 090/270	B. GRID (MGRS)	C. TRUE 080/260	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3821 0453	WGS84 LATITUDE (D-M.MM) N37-03.0300	WGS84 LONGITUDE (D-M.MM) W077-56.6290	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 40	B. WIDTH (FEET) 50	C. ELEVATION 396' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 0/H-47: 1/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 0-3°		
9. REMARKS				
<p>DESCRIPTION: A concrete helipad, large enough for one H60, located in Fort Barfoot proper 3 kilometers south east of Blackstone Army Airfield. PPR required.</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. Parking lots to the west with possible vehicles (0.03NM @ 292°).</p> <p>b. Multiple Buildings to the surrounding the LZ (0.03NM @ 351° / 0.07NM @ 074° / 0.02NM @ 266°).</p> <p>c. Major traveled road to the south, west, and north (0.03NM @ 160° / 0.01NM @ 253° / 0.07NM @ 346°).</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees to the south (100' AGL / 0.04NM @ 146°).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. Power Lines / 80' AGL / 0.05 NM @ 073° / 0.04NM @ 158° / 0.04NM @ 186° / 0.03NM @ 253°.</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located north and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 1.07NM @ 100° from LZ centerpoint.</p>				

HLZ NAME
MERCY HELIPAD

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME MOUNTAINEER	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:07:01 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:52:30 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 120/300	B. GRID (MGRS)	C. TRUE 110/280	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3838 0287	WGS84 LATITUDE (D-M.MM) N37-02.1458	WGS84 LONGITUDE (D-M.MM) W077-56.4799	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 800	B. WIDTH (FEET) 200	C. ELEVATION 374' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 2/H-47: 4/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 0-3°		
9. REMARKS				
<p>DESCRIPTION: A grass LZ at the Air Assault Course, located 4 Kilometers to the south east of Blackstone Army Airfield.</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. Fuel Point to the north (0.06NM @ 343°).</p> <p>b. Multiple Buildings lining the north side of the LZ (0.03NM @ 004°).</p> <p>c. Road to the north (0.04NM @ 011°).</p> <p>d. Obstacle course lining the south side of the LZ (0.03NM @ 198°).</p> <p>e. Parking lot to the west (0.08NM @ 293°).</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees surrounding the north, east, and south (100' AGL / 0.03NM).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. Power Lines / 80' AGL / 0.17NM @ 021° / 0.18NM @ 099° / 0.03NM @ 026° / 0.26NM @ 294°.</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located northwest and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 0.9NM @ 101° from LZ centerpoint.</p> <p>c. Personnel may be training on the LZ so approach with caution.</p>				

HLZ NAME
MOUNTAINEER

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME NEPTUNE	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER MICHAEL, 1120577731 Date: 2025.09.02 15:07:57 -04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG, 1255291854 Date: 2025.09.03 09:53:18 -04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 140/320	B. GRID (MGRS)	C. TRUE 130/310	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3852 0428	WGS84 LATITUDE (D-M.MM) N37-02.8981	WGS84 LONGITUDE (D-M.MM) W077-56.4180	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 380	B. WIDTH (FEET) 290	C. ELEVATION 370' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 1/H-47: 2/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°		
9. REMARKS				
<p>DESCRIPTION: A grass LZ just south east of Mercy Helipad, and 1 kilometer to the north of Aries and Mountaineer.</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. Parking lots to the south with possible vehicles (0.1NM @ 212°).</p> <p>b. Multiple Buildings to the NW (0.04NM @ 319°).</p> <p>c. Major traveled road surrounding the LZ (0.03NM @ 043° / 0.03NM @ 136° / 0.09NM @ 223° / 0.03NM @ 315°).</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees to the NE (100' AGL / 0.04NM @ 045°).</p> <p>b. Trees to the SE (100' AGL / 0.06NM @ 140°).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. Power Lines / 80' AGL / 0.03 NM @ 315° / 0.03NM @ 222° / 0.1NM @ 136° / 0.07NM @ 163°.</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located north and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 1NM @ 102° from LZ centerpoint.</p>				

HLZ NAME
NEPTUNE

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME OSPREY	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:08:29 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG. 1255291854 Date: 2025.09.03 09:54:08 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 180/360	B. GRID (MGRS)	C. TRUE 170/350	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3758 0188	WGS84 LATITUDE (D-M.MM) N37-01.5876	WGS84 LONGITUDE (D-M.MM) W077-57.0007	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 500	B. WIDTH (FEET) 370	C. ELEVATION 351' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 1/H-47: 3/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°. >7° in the south and northwestern sides.		
9. REMARKS				
<p>DESCRIPTION: A large grass LZ located 2 kilometers to the west of the impact area , and 3 kilometers south of Blackstone Army Airfield.</p> <p>*Up to 30 day prior coordination to ensure surface prep.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Trees located sporadically across the LZ. Portable buildings to the west (0.05NM @ 272°). Roads to the north, east, south, and west (0.08NM @ 358°, 0.11NM @ 081°, 0.05NM @ 179°, 0.04NM @ 271°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees to the south (100' AGL / 0.05NM @ 177° & 0.06NM @ 137°). Trees to the west (100' AGL / 0.05NM @ 278°). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> None. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located northwest and HLZ is within BAAF controlled airspace. Impact area located 1.38NM @ 087° from LZ centerpoint. 				

HLZ NAME
OSPREY

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME PORK CHOP	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER MICHAEL.1120577731 Date: 2025.09.02 15:09:03 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG 1255291854 Date: 2025.09.03 09:57:37 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 070/250	B. GRID (MGRS)	C. TRUE 060/240	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 4467 1029	WGS84 LATITUDE (D-M.MM) N37-06.2474	WGS84 LONGITUDE (D-M.MM) W077-52.3944	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 560	B. WIDTH (FEET) 100	C. ELEVATION 354' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 0/H-47: 3/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°		
9. REMARKS				
<p>DESCRIPTION: A Small grass LZ located in the northern training area, 1 kilometer to the north east of Castles DZ. *Up to 30 day prior coordination to ensure surface prep.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Trees surrounding the LZ on all sides. Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees surrounding the LZ (100' AGL / 0.01NM-0.07NM). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> None. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located southwest and HLZ is within BAAF controlled airspace. Impact area located 2.42NM @ 176° from LZ centerpoint. 				

HLZ NAME
PORK CHOP

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME RANDOLPH	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY,CHRISTOPHER MICHAEL.1120577731 Date: 2025.09.02 15:09:37 +04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG. 1255291854 Date: 2025.09.03 09:58:32 +04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 100/280	B. GRID (MGRS)	C. TRUE 090/270	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TF	D. EASTING 18S UF	E. NORTHING 18S TG
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TF 3466 9767	WGS84 LATITUDE (D-M.MM) N36-59.2639	WGS84 LONGITUDE (D-M.MM) W077-58.8751	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 780	B. WIDTH (FEET) 150	C. ELEVATION 344' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 0/H-47: 4/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°		
9. REMARKS				
<p>DESCRIPTION: A tight grass LZ located 1 kilometer to the west of the Nottoway Reservoir. *Up to 30 day prior coordination to ensure surface prep.*</p> <ol style="list-style-type: none"> All users accept responsibility for damage to equipment, property, and/or injury to personnel. Coordinates, elevation data derived via aircraft GPS/Mission Compute. <ol style="list-style-type: none"> MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025. Administration/Coordination/Planning/Scheduling Instructions: <ol style="list-style-type: none"> HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations: <ol style="list-style-type: none"> Public road to the north and west (0.19NM @ 338° / 0.17NM @ 271°). Water reservoir to the east (0.28NM @ 113°). CONEX building on LZ to the south (0.01NM @ 181°). Trail running through LZ (0.01NM @ 181°). Surveyor Observed Terrain Obstacles/Hazards: <ol style="list-style-type: none"> Trees surrounding the LZ (120' AGL / 0.02NM-0.09NM). Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint: <ol style="list-style-type: none"> None. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint: <ol style="list-style-type: none"> Power Lines / 80' AGL / 0.18NM @ 314°. Additional Information and Airspace: <ol style="list-style-type: none"> KBKT located northwest and HLZ is within BAAF controlled airspace. Impact area located 0.42NM @ 091° from LZ centerpoint. 				

HLZ NAME
RANDOLPH

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME RAZOR	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  <small>Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:10:11 -04'00'</small>
C. DATE 9/3/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  <small>Digitally signed by LEWIS, MATTHEW, CRAIG. 1255291854 Date: 2025.09.03 09:59:26 -04'00'</small>
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 010/190	B. GRID (MGRS)	C. TRUE 360/180	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3922 1154	WGS84 LATITUDE (D-M.MM) N37-06.8330	WGS84 LONGITUDE (D-M.MM) W077-56.0988	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 1700	B. WIDTH (FEET) 300	C. ELEVATION 377' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 5/H-47: 12/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°. >7° across the center of the landing zone and isolated areas.		
9. REMARKS				
<p>DESCRIPTION: A long, sloping grass LZ located on the north east side of Engineer Pond, 5 kilometers to the north east of Blackstone Army Airfield. *Up to 30 day prior coordination to ensure surface prep.*</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. Trees on the LZ (0.09NM @ 175°).</p> <p>b. Road traveling east to west directly through the LZ on the south end.</p> <p>c. Road to the east (0.06NM @ 092°).</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees to the west (100' AGL / 0.04NM @ 251°).</p> <p>b. Trees to the north (100' AGL / 0.11NM @ 337°).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. None</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located south and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 3.04NM @ 162° from LZ centerpoint.</p> <p>c. Water located to the SW (0.22NM @ 213°). Use caution for wildlife and birds.</p>				

HLZ NAME
RAZOR

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME THOR	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:10:48 -04'00'
C. DATE 9/2/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  Digitally signed by LEWIS, MATTHEW.CRAIG.12 55291854 Date: 2025.09.03 10:00:27 -04'00'
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 120/300	B. GRID (MGRS)	C. TRUE 110/290	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3867 1041	WGS84 LATITUDE (D-M.MM) N37-06.2134	WGS84 LONGITUDE (D-M.MM) W077-56.4415	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 670	B. WIDTH (FEET) 300	C. ELEVATION 377' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 2/H-47: 4/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°. >7° along the southern side adjacent the road.		
9. REMARKS				
<p>A grass LZ in the northern training area, located just south west of Razor and 3 kilometers north east of Blackstone Army Airfield. *Up to 30 day prior coordination to ensure surface prep.*</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. Road to the south, east, and north (0.03NM @ 176° / 0.04NM @ 091° / 0.03NM @ 026°).</p> <p>b. Training and parking area to the NW (0.1NM @ 321°).</p> <p>c. Portable buildings and barriers located on the north an west edge (0.11NM @ 313°)</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees to the south (100' AGL / 0.03NM @ 178°).</p> <p>b. Trees to the east (100' AGL / 0.04NM @ 096°).</p> <p>c. Trees to the north (100' AGL / 0.03NM @ 017°).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. None.</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located south and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 2.25NM @ 156° from LZ centerpoint.</p>				

HLZ NAME
THOR

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.



11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR

HELICOPTER LANDING ZONE SURVEY	1A. HLZ NAME ZEUS	1B. ZAR INDEX NO.	2A. COUNTRY USA	2B. STATE Virginia
	3. MAP SERIES/SHEET NUMBER/EDITION/DATE OF MAP Fort Barfoot MIM, V734SFTBARFTMIM, ED. NO. 001, 05-2023			
4. SURVEY APPROVAL/DISAPPROVAL DATA				
A. DATE SURVEYED 20240822	TYPED NAME AND GRADE OF SURVEYOR CW3 Joseph E. Obenschain		PHONE NUMBER (DSN) 236-7659	LOCATION VAASF Sandston VA
B. DATE REVIEWED 9/2/25	TYPED NAME AND GRADE OF REVIEWER LTC Christopher M. Guillory		PHONE NUMBER (DSN) 292-2697	SIGNATURE  Digitally signed by GUILLORY, CHRISTOPHER .MICHAEL.1120577731 Date: 2025.09.02 15:11:30 -04'00'
C. DATE 9/2/25	TYPED NAME AND GRADE OF APPROVING AUTHORITY COL Matthew C. Lewis		PHONE NUMBER (DSN)	SIGNATURE  Digitally signed by LEWIS, MATTHEW, CRAIG.1255391854 Date: 2025.09.02 10:01:29 -04'00'
APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>	UNIT AND LOCATION Virginia Army Aviation Support Facility, Sandston VA			
5. COORDINATING ACTIVITIES				
A. HLZ CONTROLLING AGENCY OR UNIT ARNG Maneuver Training Center, Fort Pickett, VA			PHONE NUMBER (DSN) 441-2193	
B. RANGE CONTROL Fort Pickett Range Operations, Bldg 3001, ARNG MTC Fort Pickett VA			PHONE NUMBER (DSN) 441-2227	
6. HLZ AXIS DATA (APPROACH/DEPARTURE)				
A. MAGNETIC 100/280	B. GRID (MGRS)	C. TRUE 090/270	D. SOURCE/DATE OF VARIATION DATA 20200101	
7. HLZ COORDINATES				
A. SPHEROID/DATUM WGS84	B. GPS DERIVED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	C. GRID ZONE (52 S PQ) 18S TG	D. EASTING 18S UG	E. NORTHING 18S TH
F. HLZ CENTER - POINT	MGRS COORDINATES 18S TG 3829 0231	WGS84 LATITUDE (D-M.MM) N37-01.8341	WGS84 LONGITUDE (D-M.MM) W077-56.5311	
8. HLZ SURFACE DATA				
A. LENGTH (FEET) 440	B. WIDTH (FEET) 340	C. ELEVATION 426' MSL	D. QTY/TYPE (2/H-53: 2/H-60) 1/H-47: 3/H-60	
E. QUADRANT (OBSTRUCTED/UNOBSTRUCTED) Unobstructed		F. SLOPE 3-6°. >7° in the middle and northern side.		
9. REMARKS				
<p>DESCRIPTION: A Small grass LZ located 2 kilometers west of the CACTF, primarily used as an alternate dismount site for CACTF operations. *Up to 30 day prior coordination to ensure surface prep.*</p> <p>1. All users accept responsibility for damage to equipment, property, and/or injury to personnel.</p> <p>2. Coordinates, elevation data derived via aircraft GPS/Mission Compute.</p> <p>a. MAGVAR [+/- 0.21°W], Changing [+/- 0.1°W] per year, derived from WMM 2025 as of 22 April 2025.</p> <p>3. Administration/Coordination/Planning/Scheduling Instructions:</p> <p>a. HLZ must be reserved in RFMSS prior to use. Units will adhere to Fort Pickett 95-1 and Fort Pickett 350-2.</p> <p>4. Surveyor Observed Obstacles/Hazards on and around the LZ (All distances from LZ Centerpoint unless otherwise specified) – User is responsible for identifying/ confirming ALL obstacles/hazards prior to conducting operations:</p> <p>a. Road/trail to the north, east, and west (0.03NM @ 035°, 0.08NM @ 109°, & 0.06NM @ 260°).</p> <p>5. Surveyor Observed Terrain Obstacles/Hazards:</p> <p>a. Trees on LZ to the west (100' AGL / 0.02NM @ 266°).</p> <p>b. Trees surrounding LZ (100' AGL / 0.02NM-0.07NM in all directions).</p> <p>6. Rapidly Rising Terrain (5 NM radius) -- all distances from the LZ Centerpoint:</p> <p>a. None.</p> <p>7. Antennas, Towers or Aerial Cables within Radius of the LZ Centerpoint:</p> <p>a. None</p> <p>8. Additional Information and Airspace:</p> <p>a. KBKT located northwest and HLZ is within BAAF controlled airspace.</p> <p>b. Impact area located 0.9NM @ 089° from LZ centerpoint.</p>				

HLZ NAME
ZEUS

10. HLZ DIAGRAM

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

Annual Review Completed by:_____ on _____.

11. PHOTOGRAPHY AVAILABLE

☒ YES ☐ NO

LOW LEVEL ROUTES

☒ NONE AVAILABLE

☐ ROUTE NAME/DESIGNATOR