

MISSION DATA CARD

| OPORD | | Callsign | | Mission | | Date/Time | |
|--------------|-----------------|-----------|------|----------|------|-------------|--|
| 3240/2024 | | Monster 1 | | Training | | 232000SEP24 | |
| Task | Rocket Training | | | | | Freq | |
| AO | R65 | | | | | 132.15 | |
| Departure | | | | Recovery | | | |
| A10 TAC WEST | | | | STRYK | | | |
| # | Callsign | Pilot | IFF | TCN | LSR | NET | |
| -1 | Monster 1-1 | Marsy | 1411 | 1Y | 1611 | 21/01 | |
| -2 | Monster 1-2 | Lenzi | 1412 | 64Y | 1612 | 21/02 | |
| -3 | Monster 1-3 | Toolface | 1413 | 64X | 1613 | 21/03 | |
| -4 | Monster 1-4 | addiks | 1414 | 1X | 1614 | 21/04 | |

LOADOUT

| | | | |
|-----|------------|------|---------|
| A/A | 2xA9M | GUN | 100% CM |
| A/G | 13x7M151 | CHF | 240 |
| POD | TGP, A184L | FLR | 240 |
| TKS | | FUEL | 80% |

TOLD

| | | | | | |
|------|---------|--------|-------|-------|------|
| | Takeoff | Target | Joker | Bingo | Land |
| FUEL | 8869 | | | | |

AIRBASES

| | Name | TCN | ATIS | GND | TWR | RWY | Elev | ILS |
|-----|------------|-----|-------|-------|-------|-----|------|-------|
| Dep | Nellis AFB | 12X | 270.1 | 275.8 | 327.0 | 21L | 1850 | 109.1 |
| Arr | Nellis AFB | 12X | 270.1 | 275.8 | 327.0 | 21L | 1850 | 109.1 |

COMMS

| Radio | Usage |
|-------|------------------|
| 1 | 132.15 |
| 2 | 11-3-4-16-11-4-3 |
| 3 | 32.00 |

NOTES

2x 3 LAR 6K CCIP
2x 6 LATR CCIP
2x 45 HATR CCIP
1x 10 LR CCRP

OTHER FLIGHTS

| Callsign | Mission | Airframe | Freq | TCN | Grpld | Laser |
|-------------|-----------------------|------------|----------------------------|-------|-------|-------|
| Edelweiss 1 | Training | 2x F/A-18C | 264.15 | 12/75 | 1 | 171X |
| AO | BEATTY | Task | BJT Training | | | |
| Tiger 1 | Training | 4x F/A-18C | 261.15 | 1/64 | 1 | 155X |
| AO | Range 74.06 and 74.08 | Task | AG Bomb, AAR and Formation | | | |
| Panther 2 | Training | 2x F/A-18C | 261.25 | 1/64 | 2 | 156X |
| AO | Range 74.06 and 74.08 | Task | AG Bomb, AAR and Formation | | | |
| Raptor 1 | SEAD | 4x F-16C | 134.0 | 1/64 | | 162X |
| AO | Groom (SAMs) | Task | SAM Evasion | | | |
| Nazgul 6 | Training | 4x F-15E | 262.45 | 1/64 | | 156X |
| AO | BFM Range | Task | BFM Training | | | |
| Edelweiss 4 | Training | 1x F/A-18C | 264.45 | 1/64 | | 174X |
| AO | | Task | | | | |
| Edelweiss 2 | SEAD | 4x F-16C | 134.5 | 1/64 | | 162X |
| AO | Groom (SAMs) | Task | SAM Evasion | | | |
| Rattler 5 | Training | 4x AH-64D | 133.5 | 1/64 | | 125X |
| AO | | Task | | | | |

RADIO CHANNELS

| # | Freq | Name |
|----|---------|--------------------------------|
| 1 | | Flight/Squadron specific |
| 2 | 289.4 | Nellis Clearance Delivery |
| 3 | 275.8 | Nellis Ground |
| 4 | 327.0 | Nellis Tower |
| 5 | 385.4 | Nellis Approach/Departure West |
| 6 | 273.55 | Nellis Approach/Departure East |
| 7 | 317.525 | Nellis Control -- Sally |
| 8 | 254.4 | Nellis Control-- Lee |
| 9 | 305.6 | SOF Bullseye |
| 10 | 343.725 | EMERGENCY SINGLE FRQ |
| 11 | 270.1 | Nellis ATIS |
| 12 | 360.625 | Creech AFB Tower |
| 13 | 250.1 | HAVE QUICK 13 |
| 14 | 251.1 | HAVE QUICK 14 |
| 15 | 252.1 | HAVE QUICK 15 |
| 16 | 377.8 | Blackjack |
| 17 | 265.0 | KC-135 AR-641A |
| 18 | 360.8 | KC-135MPRS AR-635 |
| 19 | 319.8 | KC-135MPRS AR-625 |
| 20 | 300.05 | KC-135 AR-231V |

RAMROD

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| T | H | R | O | W | B | A | C | K | S |

KTC 1400 C

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|------|-----|-----|----|----|-----|----|----|----|----|
| A | NCJH | FQU | MGS | OW | VA | EBP | DX | IY | LR | TK |
| B | THBE | UWO | XKL | NP | AY | VSR | DG | JI | QC | FM |
| C | FKHI | LDS | RAT | PX | GJ | YUB | VN | OQ | EC | MW |
| D | BMNO | SRJ | CDU | EY | XP | HKV | LF | GW | TI | QA |
| E | TRXG | DVF | IOK | EL | SW | MPJ | CQ | AU | BY | NH |
| F | RTEC | WXB | LAD | SJ | FM | IQO | PK | GV | NY | UH |
| G | MXOI | JGH | BTA | LV | UR | NYF | EP | KD | CQ | SW |
| H | HIEG | CUT | JRQ | YX | BO | WPL | KN | AD | SF | MV |
| I | KLPO | RCN | YID | TX | BQ | UWS | HV | AM | EF | JG |
| J | QBNO | LXP | RFJ | HK | YG | IVW | EA | SD | UM | TC |
| K | FIMT | VAW | DQC | LY | OJ | NUS | HR | XB | PE | KG |
| L | TYNM | ORI | WKV | QA | DJ | EPG | CF | SB | LX | HU |
| M | FJRC | EUV | YMD | PO | HG | BTI | QL | AS | XN | WK |
| N | PVQE | AYS | BUR | GD | MN | WJH | CO | IF | KX | LT |
| O | ALBE | INP | CGX | FK | JU | YTD | WR | MQ | OH | SV |
| P | NXMT | FQL | SEY | WI | CR | UJA | VP | GH | BK | OD |
| Q | IAJK | SGQ | FCO | DB | ML | XUP | RE | YV | TH | NW |
| R | XWDN | TFR | YGJ | VO | SP | BHI | AK | EQ | ML | UC |
| S | YRVH | JOT | NXD | KB | SM | AFE | LC | IQ | UP | WG |
| T | CWJO | XRV | LKG | AE | UB | YSN | IM | HT | FP | DQ |
| U | ECTW | KMB | QFD | YX | VU | IPJ | HS | GN | AO | LR |
| V | JEXY | ABU | LOC | PD | MQ | FNW | SV | RH | TG | KI |
| W | GSTH | QDL | NVX | OF | KR | MEU | PW | IJ | BY | CA |
| X | GHVA | DCO | WYM | EP | NK | LIU | FJ | QX | TR | SB |
| Y | OYFJ | GXE | TQI | AL | WH | KDV | BC | NU | PM | RS |

NAVAIDS

| Id | Name | Channel | Position | Elevation |
|-----------|---------------|----------------|--------------------|------------------|
| BCE | Bryce Canyon | 75 | N3741.35 W11218.23 | 9040 |
| BIH | Bishop | 33 | N3722.62 W11821.99 | 4114 |
| BLD | Boulder | 114 | N3559.75 W11451.82 | 3650 |
| BTY | Beatty | 94 | N3648.54 W11644.86 | 2925 |
| CDC | Cedar City | 120 | N3747.24 W11304.90 | 5463 |
| DAG | Daggett | 79 | N3457.75 W11634.69 | 1760 |
| EED | Needles | 99 | N3445.96 W11428.43 | 650 |
| GFS | Goffs | 91 | N3507.87 W11510.59 | 4019 |
| GRL | Groom Lake | 18 | N3713.91 W11548.16 | 4475 |
| HEC | Hector | 74 | N3447.83 W11627.78 | 1854 |
| ILC | Wilson Creek | 110 | N3815.02 W11423.65 | 9318 |
| INS | Creech AFB | 87 | N3635.20 W11540.12 | 3101 |
| LAS | McCarran Intl | 116 | N3604.78 W11509.59 | 2142 |
| LSV | Nellis | 12 | N3614.68 W11501.50 | 1864 |
| MLF | Milford | 58 | N3821.62 W11300.79 | 4977 |
| MMM | Mormon Mesa | 90 | N3646.16 W11416.65 | 2120 |
| MVA | Mina | 98 | N3833.92 W11801.97 | 7860 |
| OAL | Coale Dale | 124 | N3800.20 W11746.23 | 4800 |
| PGS | Peach Springs | 57 | N3537.48 W11332.67 | 4754 |
| TPH | Tonopah Muni | 119 | N3801.84 W11702.01 | 5330 |
| TQQ | Silverbow | 77 | N3748.00 W11647.00 | 5500 |
| UTI | St George | 23 | N3705.29 W11335.53 | 2871 |



RWY 3L-21R
PCN 46 R/C/W/T
RWY 3R-21L
PCN 51 R/C/W/T
2017

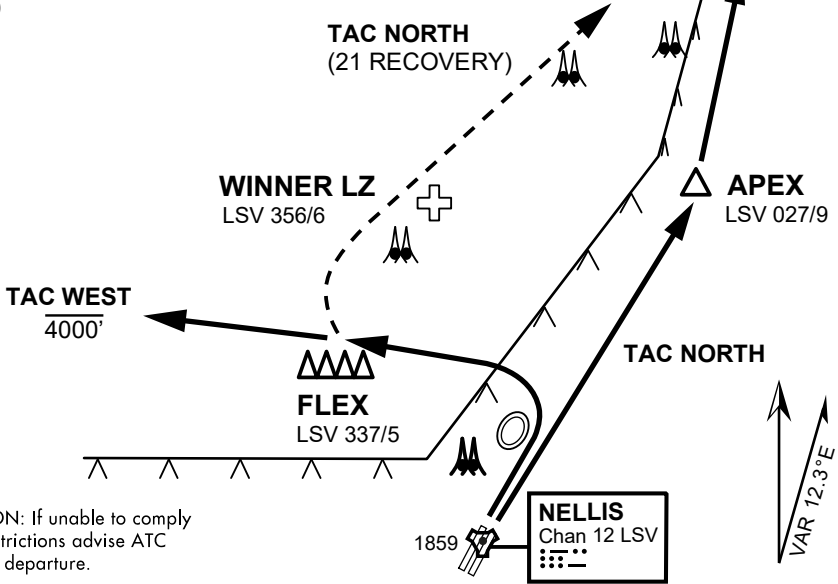
| PAR | RWY | CAT | MINIMA | | | ARP | ELEV | Scale 1:35'500 | | | | | |
|-------------|---------------------|---------------------|---------------------|---------------------|--------------|----------------|-------------|----------------|------|------|------|------|-----------|
| | 21L | A B D E | 2057 - 0.8 200 | (200-0.8/1.6) | GS 3° | 36° 14.060° N | 1857 [ft] | 0 | 300 | 600 | 900 | 1200 | 1500 [m] |
| | 3R | A B D E | 2057 - 0.8 200 | (200-0.8/1.6) | GS 3° | 115° 01.058° W | 1857 [ft] | 0 | 1000 | 2000 | 3000 | 4000 | 5000 [ft] |
| SRA | 21R | A C D E | 2257 - 1.2 350 | (350-1.2/1.6) | | | | | | | | | |
| | 3L | A C D E | 2257 - 1.2 350 | (350-1.2/1.6) | | | | | | | | | |
| RWY | TORA | TODA | ASDA | LDA | PSN | THR | ALS | | | | | | |
| 21L | 10051 [ft] 3063 [m] | 11051 [ft] 3368 [m] | 11051 [ft] 3368 [m] | 10051 [ft] 3063 [m] | 36°14.043° N | 115°01.018° W | ⊕ | | | | | | |
| 3R | 10120 [ft] 3084 [m] | 11120 [ft] 3398 [m] | 11120 [ft] 3398 [m] | 10120 [ft] 3084 [m] | 36°13.029° N | 115°02.038° W | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| ATIS | NELLIS GROUND | NELLIS TOWER | NELLIS CONTROL | TACAN | ILS RWY 21L | NELLIS EAST | NELLIS WEST | | | | | | |
| 270.100 MHz | 275.800 121.800 | 327.000 132.55 | 317.525 | LSV 12X | 109.10 Mhz | 384.400 | 385.000 | | | | | | |

ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800

VMC ONLY

PILOT RESPONSIBLE FOR
TERRAIN AVOIDANCE

DRY LAKE
LSV 017/15



CAUTION: If unable to comply with restrictions advise ATC prior to departure.



DEPARTURE ROUTE DESCRIPTION

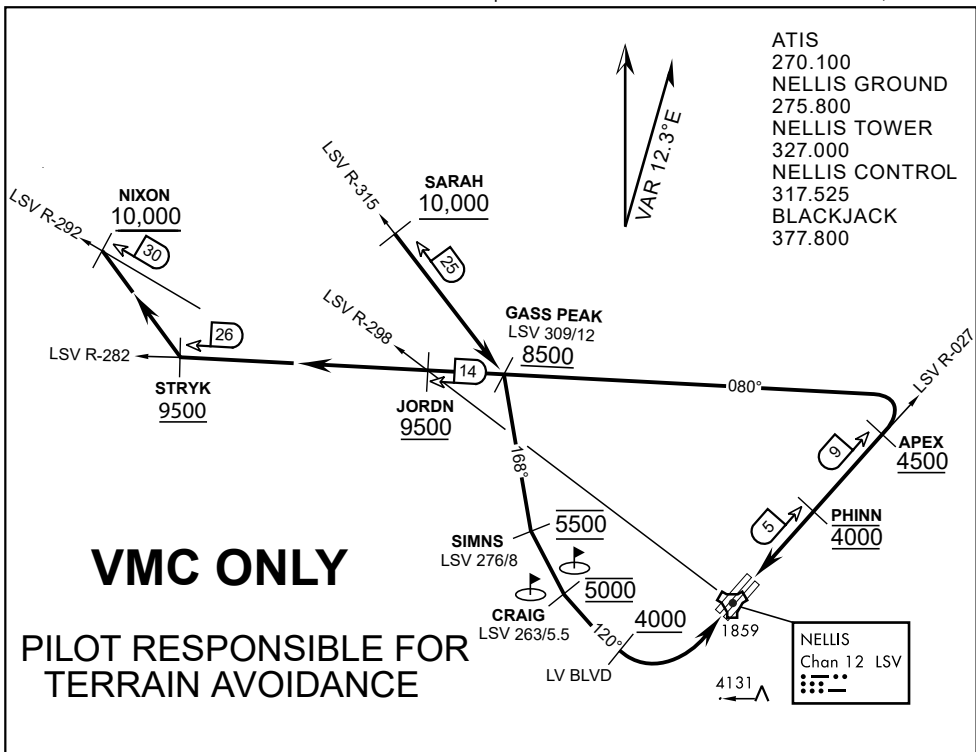
- Tac North / Tac West departures only flown during daylight from RWY 03
- Use caution for helicopters operating 3 Nm NE of FLEX (Winner LZ).
- Flights will remain at 500' AGL until deconflicted with helicopter traffic.
- Upon reaching FLEX or Dry Lake maintain VFR, remain clear of Class B airspace, and switch frequency to coordinate for range entry.

TAC NORTH

- Proceed direct APEX then direct Dry Lake. Report "APEX" informing ATC flight will clear Class B in 3Nm enroute to Dry Lake.
- For opposite direction takeoffs when RWY 21 is the active, proceed to FLEX then to Dry Lake.
- Report "FLEX" to inform ATC flight is clear of Class B airspace. Use caution for helicopter training.

TAC WEST:

- Proceed to FLEX. Report "FLEX" to inform ATC flight is clear of Class B airspace. Remain below 4000' MSL until north of Gass Peak.



APPROACH ROUTE DESCRIPTION

APPROACH RWY 3L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Proceed direct SIMNS and cross at 5,500' MSL. Cross Las Vegas Blvd at or above 4,000' MSL then to 3,500' MSL for Initial. Remain within 4 DME if LSV on turn to final.

VFR STRAIGHT-IN RWY 3L/R

Depart CRAIG & descend to be at 3,000' MSL by Las Vegas Blvd. Do not descend below 3,000' MSL until within 5 DME of LSV or 4 NM of the runway on turn to final.

APPROACH RWY 21L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Cross APEX at or above 4,500' MSL then direct 5NM initial. Descend to cross PHINN at 4,000' MSL, Inside 5 NM descend to 3,500' MSL.

VFR STRAIGHT-IN RWY 21L/R

Cross APEX at 4,000' MSL. Descend to be at 3,000' MSL at PHINN. Descend to 3,000' MSL at LSV 027/5.

RANGE 63B EXIT

SOUTH: Via NIXON at or above 10,000' MSL, then direct STRYK.
EAST: Via SARAH at or above 10,000' MSL, then direct GASS PEAK.