

MISSION DATA CARD

| | | | | | | | | |
|-----------|--------------|-----------|--------|----------|------|-------------|------|-------|
| OPORD | | Callsign | | Mission | | Date/Time | | |
| 3023/2024 | | Monster 2 | | Training | | 242030JUN24 | | |
| Task | CAS TRAINING | | | | | Freq | | |
| AO | Range 63 | | | | | 132.25 | | |
| Departure | | | | Recovery | | | | |
| FYTTR LOW | | | | STRYK | | | | |
| # | Callsign | | Pilot | | IFF | TCN | LSR | NET |
| -1 | Monster 2-1 | | addiks | | 1521 | 1Y | 1651 | 25/01 |
| -2 | Monster 2-2 | | Stoner | | 1522 | 64Y | 1652 | 25/02 |

LOADOUT

| | | | | | | | |
|-----|-----------------------|--|--|--|------|---------|--|
| A/A | C9M | | | | GUN | 100% CM | |
| A/G | 7M282L, 2xA65D, 2xG12 | | | | CHF | 120 | |
| POD | A184L, TGP | | | | FLR | 360 | |
| TKS | | | | | FUEL | 100% | |

TOLD

| | | | | | |
|------|---------|--------|-------|-------|------|
| | Takeoff | Target | Joker | Bingo | Land |
| FUEL | 11087 | | | | |

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 |
| Div | Creech AFB | 87X | 290.45 | 275.8 | 360.6 | | | |

FLIGHTPLAN

| # | Name | Navaid/Coords/DME | ALT | TOT |
|----|------------|--------------------------------------|-----|-----|
| 1 | FYTTR | LSV 269/33 (N36 21.440 W115 41.470) | | |
| 2 | STRYK | LSV 282/26 (N36 25.620 W115 30.700) | | |
| 3 | Creech AFB | N36 35.200 W115 40.120 | | |
| 4 | Range 63A | N36 44.004 W115 27.455 | | |
| 5 | Range 63B | N36 34.499 W115 26.329 | | |
| 6 | Range 63C | N36 29.969 W115 27.300 | | |
| 7 | Creech AFB | N36 35.200 W115 40.120 | | |
| 8 | GASS PEAK | LSV 309/12 (N36 24.140 W115 10.660) | | |
| 9 | SIMNS | LSV 276/8 (N36 17.340 W115 10.750) | | |
| 10 | CRAIG | LSV 263/5.5 (N36 15.250 W115 08.270) | | |
| 11 | APEX | LSV 027/09 (N36 21.580 W114 54.340) | | |
| 12 | Nellis | N36 14.680 W115 01.500 | | |

COMMS

| Radio | Usage |
|-------|------------------------------|
| 1 | 132.25 |
| 2 | 11 - 3 - 4 - 16 - 11 - 4 - 3 |
| 3 | 35.50 |

NOTES

JTAC: Rebel 35.50

OTHER FLIGHTS

| Callsign | Mission | Airframe | Freq | TCN | Grpld | Laser |
|----------|---------|----------|--------|--------------|-------|-------|
| Nazgul 6 | CAS | 4x F-15E | 262.45 | 1/64 | | 156X |
| | AO | R76 | Task | CAS Workshop | | |
| Balrog 7 | CAS | 4x F-15E | 262.45 | 1/64 | | 163X |
| | AO | R76 | Task | CAS Workshop | | |

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

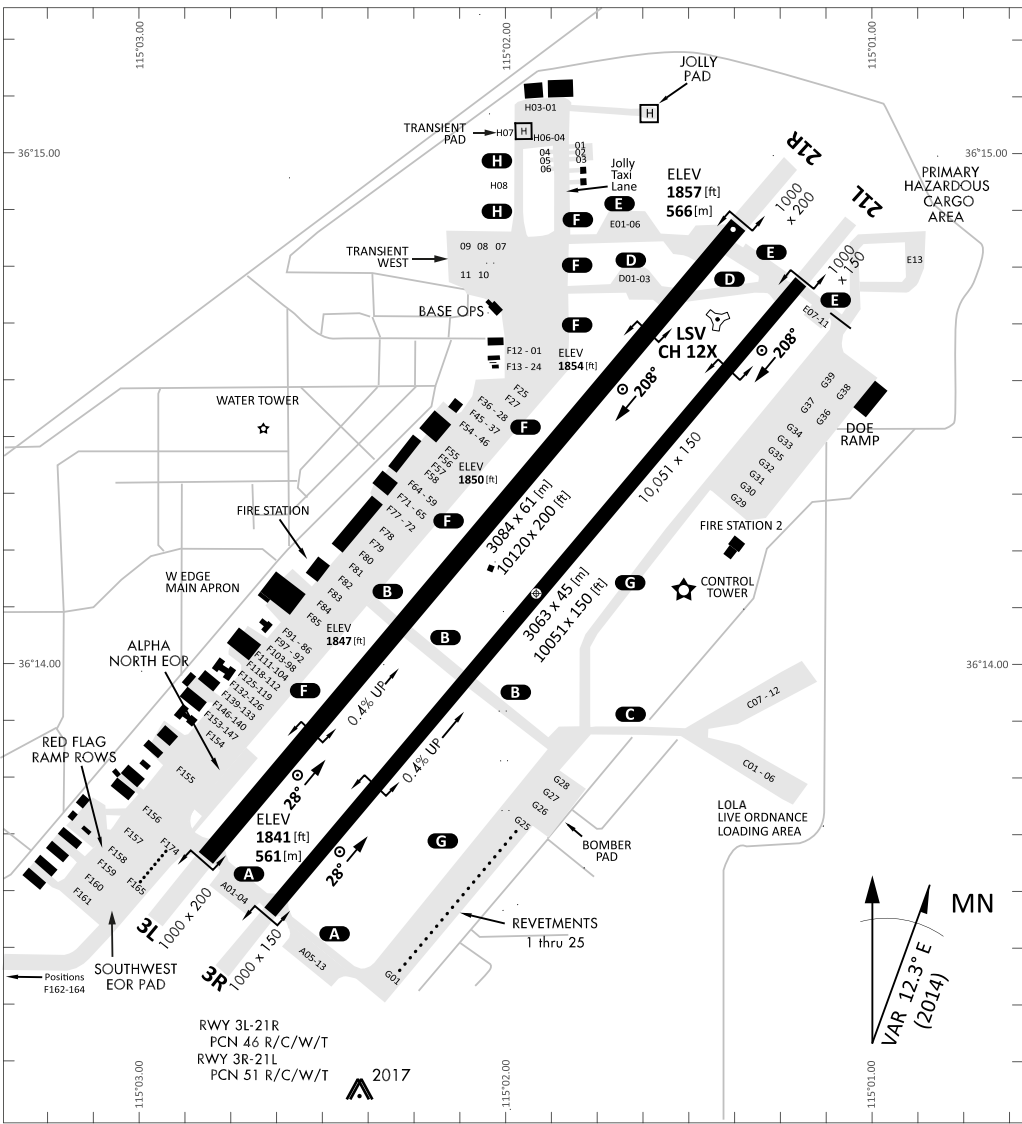
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| L | A | N | G | U | I | S | H | E | D |

KTC 1400 C

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|------|-----|-----|----|----|-----|----|----|----|----|
| A | PMRV | ULY | QNB | DO | WT | GEF | JS | IC | HX | AK |
| B | HGJQ | UAL | XCW | RK | BM | FDI | PS | YO | VN | TE |
| C | CJFK | UIX | BQM | LN | WT | RGS | AP | EO | DH | YV |
| D | HYDK | CJI | GME | TS | QO | PRU | WB | XF | VL | NA |
| E | XPSB | JVH | WAI | FR | KQ | MYE | GO | DT | UL | NC |
| F | PWMI | YTX | VCL | NK | BF | SDR | QE | AH | JG | OU |
| G | BNJA | WLD | REK | XU | VM | IHF | ST | OP | YC | GQ |
| H | BQVP | YDM | JRN | IO | FE | GWK | HS | LC | AX | TU |
| I | NXJT | OPL | WMC | DK | HR | QGS | YA | BU | EF | IV |
| J | JGTL | FDM | RIP | XA | BY | OQS | NK | VH | UW | EC |
| K | SLHY | GEF | VOR | AQ | ID | UXM | CB | KN | TP | WJ |
| L | MNFS | GUX | TBK | CH | RV | YOD | PA | WJ | LE | QI |
| M | JNVO | ITL | XCR | BG | FK | UQW | MS | PE | AH | DY |
| N | AQJH | MLO | NBS | EK | VU | YDW | IX | GR | PT | CF |
| O | MEJG | FWD | YQI | AT | CN | LXR | SH | BV | OP | KU |
| P | PQGN | DCV | IBT | WL | EK | XFY | AO | JM | SH | RU |
| Q | CAHP | YMX | ISE | DT | NW | UQL | KO | VB | GF | RJ |
| R | BIGP | XYW | LRE | HD | KA | QTO | CM | VF | JN | US |
| S | JFTW | IXB | QGO | UC | RD | PEN | VY | MA | SH | KL |
| T | VGNU | PBY | IAW | HQ | CE | RLD | KT | JS | XF | OM |
| U | GLEO | PXA | YRC | WN | UD | MBS | KV | IJ | QH | FT |
| V | CFMH | SVP | JWD | NI | AY | OEQ | RU | LK | BG | XT |
| W | RELJ | COF | VGM | TX | YP | KBW | UA | DS | HI | QN |
| X | FXDH | BAU | MKN | QR | WP | YGI | CV | SJ | LT | OE |
| Y | SIWA | RBC | HGE | OF | KV | DQN | XM | LU | JP | YT |

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 115° 01.058° W | 1857 [ft] 566 [m] | 0 300 600 900 1200 1500 [m] | |
| | 3R | A B D E | 2057 - 0.8 200 (200-0.8/1.6) | GS 3° | | | 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

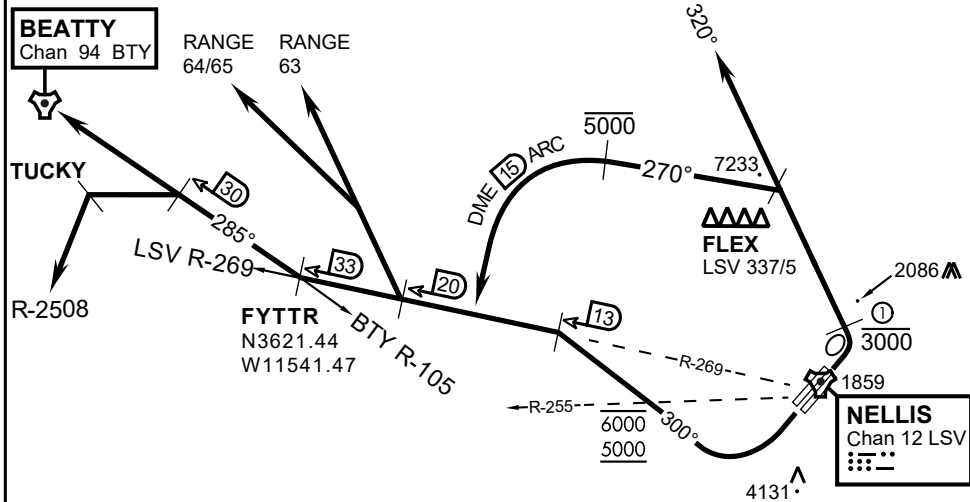
CAUTION: If unable to comply
with restrictions advise ATC
prior to departure.



VMC ONLY

PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

① 4 NM from RWY 3L/R



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R:

- Remain below 3,000' MSL until north of Race Track and turned westbound.
- Turn left within 4NM of Nellis direct FLEX. Fly north of FLEX and turn left heading 270°.
- Intercept LSV 15 DME ARC at or below 5,000' MSL.
- ARC south, intercept LSV R-269 outbound. Maintain VFR.

TAKEOFF RWY 21L/21R:

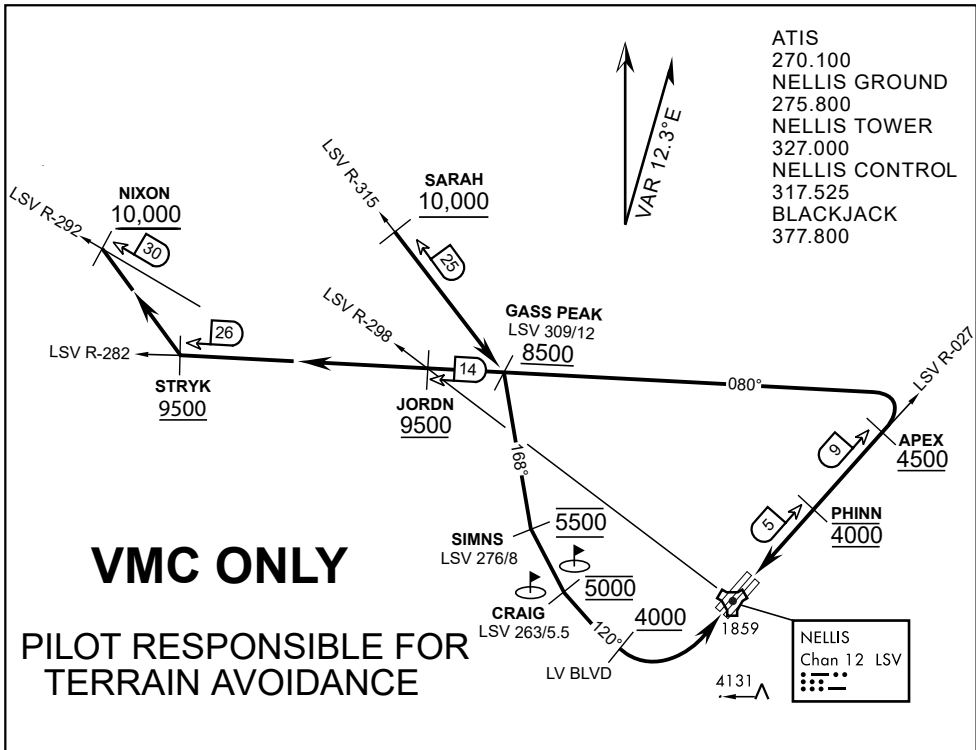
- Follow Noise Abatement Procedures.
- Fly runway heading until past Golf Course, turn right heading 300°.
- Cross LSV R-255 between 5,000' and 6,000' , intercept and proceed outbound on the LSV R-269.Recommend climb to 8,500' MSL or appropriate VFR altitude for overflight of North Las Vegas Training Area. Fly routing for appr. mission/transition.

TRANSITIONS:

- R-4806:** Turn right at the LSV 269/20 direct to assigned ranges.
- BEATTY:** Turn right at FYTTR direct BTY via the BTY R-105
- R-2508:** Turn right at the FYTTR, intercept the BTY 105/30, direct TUCKY, then direct R-2508

FYTTR DEPARTURE AND TRANSITIONS (FYTTR LOW)

v.15 13NOV20 NTRR NAV CHART



ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 BLACKJACK
 377.800

VMC ONLY

**PILOT RESPONSIBLE FOR
TERRAIN AVOIDANCE**

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.



INDIAN SPRINGS, NEVADA

| | | | |
|----------------------|------------------|-------------------------|--------------|
| TACAN INS Chan 87 | APCH CRS 065° | Rwy ldg TDZE 3133 | 9002 3113 |
| | | Arpt Elev 3113 | |

INDIAN SPRINGS AF AUX (KINS)

▽ * MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direkt KSV TACAN 114

NELLIS CON

CREECH AFB TOWER
118.30 60.60

GND CON

NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

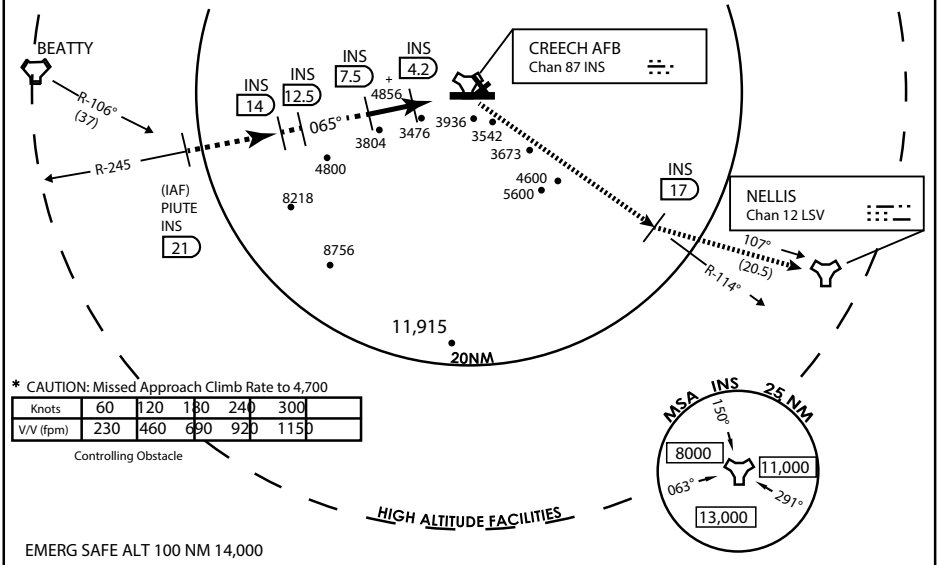
PILOT IS RESPONSIBLE FOR TERRAIN/OBSTACLE AVOIDANCE AND APPROPRIATE VFR CLOUD CLEARANCE FOR ALL

CAUTION: Descent gradients are greater than allowed under standard TERPS criteria and inbound course does not meet straight-in criteria

CAUTION: Final approach course crosses Runway centerline at MIDFIELD. Maneuvering left of course required prior to landing. Do not Maneuver farther north than the INS R- 258

Modified by viaBog 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION

Modified by viaBog 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION



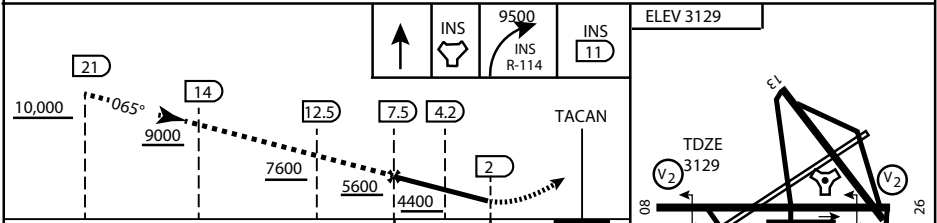
* CAUTION: Missed Approach Climb Rate to 4,700

| | | | | | |
|-----------|-----|-----|-----|-----|------|
| Knots | 60 | 120 | 180 | 240 | 300 |
| V/V (fpm) | 230 | 460 | 690 | 920 | 1150 |

Controlling Obstacle

HIGH ALTITUDE FACILITIES

EMERG SAFE ALT 100 NM 14,000



| | | | | | |
|----------|----------------|---------------|-------------------------|-----------------------|-------------------------|
| CATEGORY | A | B | C | D | E |
| S-8 | 3760-1 ½ | 627 (700-1 ½) | 3760-1¾ 627 (700-1¾) | 3760-2 627 (700-2) | 3760-2¼ 627 (700-2¼) |
| CIRCLING | NOT AUTHORIZED | | | | |

MIRL Rwy 8-26

CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)



AIRPORT DIAGRAM

476 VFG

CREECH AFB (KINS)
INDIAN SPRINGS, NEVADA

ATIS
 122.5
 CREECH TOWER
 118.4 360.7 38.65
 GND CON
 118.3 275.8
 CLNC DEL

115°42'W

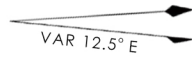
FIELD
 ELEV
 3127

80

972 X 150

HOT CARGO PAD

BAK-12



WEST EOR

115°41'W

476 VFG JAN 2019

CONTROL TOWER
 BASE OPS

RPA LOLA WEST

RPA LOLA EAST

LOLA / HUNG ORDNANCE

RUNWAY
 31/13
 MQ/RQ-1
 ONLY

9002 X 150

258.5°

860 X 100

313.8°

4064 X 100

199 X 100

ELEV 3127

BAK-12

ELEV 3127

115°40'W

EAST EOR

1030 X 150

26

476 VFG JAN 2019

AIRPORT DIAGRAM

INDIAN SPRINGS, NEVADA
CREECH AFB (KINS)