

| MISSION DATA CARD |                  |             |          |             |      |        |
|-------------------|------------------|-------------|----------|-------------|------|--------|
| OPORD             |                  | Callsign    | Mission  | Date/Time   |      |        |
| 2057/2023         |                  | Edelweiss 3 | Training | 142020AUG23 |      |        |
| Task              | App/Dep Training |             |          |             |      | Freq   |
| AO                | Nellis AFB       |             |          |             |      | 264.35 |
| Departure         |                  |             | Recovery |             |      |        |
| FYTTR LOW         |                  |             | STRYK    |             |      |        |
| #                 | Callsign         | Pilot       | IFF      | TCN         | LSR  | NET    |
| -1                | Edelweiss 3-1    | Marsy       | 1731     | 21Y         | 1731 |        |

| LOADOUT |  |      |  |
|---------|--|------|--|
| A/A     |  | GUN  |  |
| A/G     |  | CHF  |  |
| POD     |  | FLR  |  |
| TKS     |  | FUEL |  |

| TOLD |         |        |       |       |      |
|------|---------|--------|-------|-------|------|
|      | Takeoff | Target | Joker | Bingo | Land |
| FUEL | 22588   |        |       |       |      |

| 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 |

| FLIGHTPLAN |           |                                     |     |     |
|------------|-----------|-------------------------------------|-----|-----|
| #          | Name      | Navaid/Coords/DME                   | ALT | TOT |
| 1          | FLEX      | LSV 337/5 (N36 18.620 W115 02.360)  |     |     |
| 2          | FYTTR     | LSV 269/33 (N36 21.440 W115 41.470) |     |     |
| 3          | STRYK     | LSV 282/26 (N36 25.620 W115 30.700) |     |     |
| 4          | JORDN     | N36 23.869 W115 14.590              |     |     |
| 5          | GASS PEAK | LSV 309/12 (N36 24.140 W115 10.660) |     |     |
| 6          | APEX      | LSV 027/09 (N36 21.580 W114 54.340) |     |     |
| 7          | PHINN     | N36 18.427 W114 57.408              |     |     |

| COMMS |                  |
|-------|------------------|
| Radio | Usage            |
| 1     | 11-3-4-16-11-4-3 |
| 2     | 264.35           |

| OTHER FLIGHTS |          |          |        |       |       |       |
|---------------|----------|----------|--------|-------|-------|-------|
| Callsign      | Mission  | Airframe | Freq   | TCN   | GrpId | Laser |
| Nazgul*       | Training | 4x F-15E | 261.25 | 21/84 |       | 156X  |
|               | 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  |    |
| S          | P    | H   | E   | R  | O  | I   | D  | A  | L  |    |
| KTC 1400 C |      |     |     |    |    |     |    |    |    |    |
|            | 0    | 1   | 2   | 3  | 4  | 5   | 6  | 7  | 8  | 9  |
| A          | KUHE | YIF | DQS | BW | GJ | POT | XC | NA | LR | MV |
| B          | DQBX | KRW | NME | LI | FA | OUP | JV | TS | CH | GY |
| C          | SUMJ | DTA | QIW | KL | XC | OYR | FH | NE | BG | PV |
| D          | CUXF | YSP | TDJ | LK | AW | BHQ | MO | IG | RE | VN |
| E          | MKHI | ULN | FJW | SC | GV | RAD | YP | EX | QB | TO |
| F          | NPXC | OFW | JEH | GY | DB | KQT | AU | LI | VR | MS |
| G          | ACJK | FDN | MXV | EB | WO | TPQ | LU | YI | GS | HR |
| H          | OUHV | NAJ | WCF | KT | BD | IQR | XS | LY | GE | PM |
| I          | CBLA | PMO | RSE | QV | FT | IKJ | XW | UY | NG | HD |
| J          | MONF | LJP | DRY | GV | BW | HUQ | XE | TC | SA | IK |
| K          | TIBY | CEQ | VLH | DR | NJ | OPF | UX | MG | WS | KA |
| L          | UOJX | NER | MCP | SY | VH | BFA | QW | GL | KI | TD |
| M          | EJHX | VIK | BUR | LN | SC | YOT | DQ | WM | GF | PA |
| N          | VQSF | UCI | LOB | NW | EX | HRT | MD | KY | GJ | PA |
| O          | SYVH | ADB | OTI | QP | JM | GWC | EK | FU | NL | RX |
| P          | JQPN | EFG | MDW | VK | LH | CYT | IR | UA | XB | OS |
| Q          | ORDC | XEK | JFN | UH | LT | YIG | AS | PV | BM | QW |
| R          | CXOA | UMH | LEY | QV | GI | TJP | BR | KD | WS | FN |
| S          | XIPM | UWL | ADC | VR | QK | YBJ | NE | TF | OS | HG |
| T          | BAJO | QSG | CEF | HK | TV | RLM | PN | XU | YI | WD |
| U          | SVFK | JHD | ETU | AO | NQ | LGC | BI | XP | YR | MW |
| V          | TPBF | JNO | GWE | QY | RI | UCV | AH | LD | XK | SM |
| W          | OKDT | SCE | HFJ | MI | QX | UBR | WG | YP | VL | AN |
| X          | NEJF | HYP | AUW | OD | CL | RKT | QX | VM | BI | SG |
| Y          | RYQX | GVL | ADO | IT | PH | WSK | MU | CJ | FB | EN |

| 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      |



|             |     |                     |                                    |                     |                                        |                              |                |                     |      |                          |      |             |             |
|-------------|-----|---------------------|------------------------------------|---------------------|----------------------------------------|------------------------------|----------------|---------------------|------|--------------------------|------|-------------|-------------|
| PAR         | RWY | CAT                 | MINIMA                             |                     | ARP<br>36° 14.060' N<br>115° 01.058' W | ELEV<br>1857 [ft]<br>566 [m] | Scale 1:35'500 |                     |      |                          |      |             |             |
|             | 21L | A B D E             | 2057 - Q.8 200 (200-0.8/1.6) GS 3° |                     |                                        |                              | 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     |

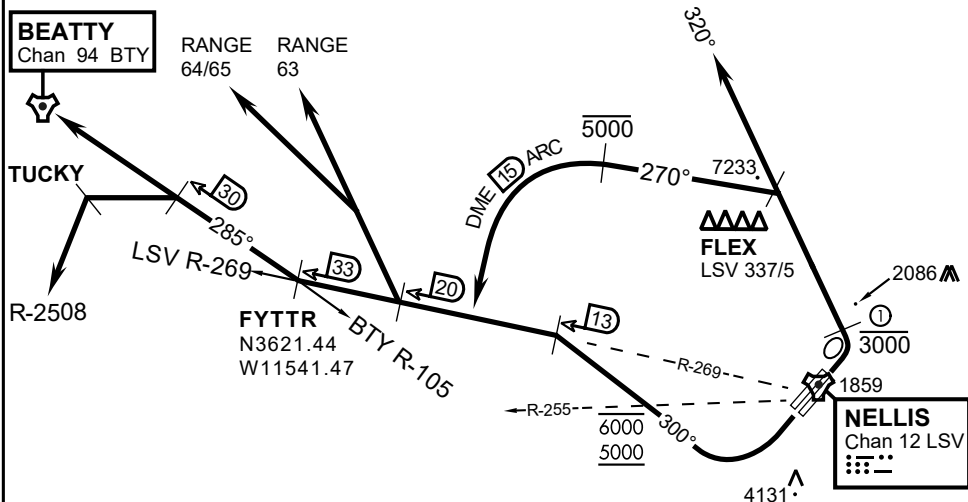
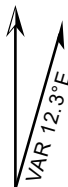
ATIS  
 270.100  
 NELLIS GROUND  
 275.800  
 NELLIS TOWER  
 327.000  
 NELLIS CONTROL  
 317.525  
 NELLIS DEP/APP EAST  
 384.400  
 BLACKJACK  
 377.800

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)

