

| MISSION DATA CARD |                    |          |          |          |      |             |      |       |
|-------------------|--------------------|----------|----------|----------|------|-------------|------|-------|
| OPORD             |                    | Callsign |          | Mission  |      | Date/Time   |      |       |
| 965/2022          |                    | T-Rex 2  |          | Training |      | 302000MAY22 |      |       |
| Task              | Iron Bombs Eyeball |          |          |          |      | Freq        |      |       |
| AO                | Range 62           |          |          |          |      | 132.25      |      |       |
| Departure         |                    |          |          | Recovery |      |             |      |       |
| DREAM LOW         |                    |          |          | ARCOE    |      |             |      |       |
| #                 | Callsign           |          | Pilot    |          | IFF  | TCN         | LSR  | NET   |
| -1                | T-Rex 2-1          |          | G-Rex    |          | 1441 | 23Y         | 1641 | 25/01 |
| -2                | T-Rex 2-2          |          | Crusader |          | 1442 | 86Y         | 1642 | 25/02 |

| LOADOUT |                |      |         |
|---------|----------------|------|---------|
| A/A     | A9M            |      |         |
| A/G     | 2x7M156, 6xM82 |      |         |
| POD     | A184           |      |         |
| TKS     |                |      |         |
|         |                | GUN  | 100% CM |
|         |                | CHF  | 60      |
|         |                | FLR  | 420     |
|         |                | FUEL | 70%     |

| TOLD |         |        |       |       |      |
|------|---------|--------|-------|-------|------|
|      | Takeoff | Target | Joker | Bingo | Land |
| FUEL | 7760    |        |       |       |      |

| 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          | Nellis  | N36 14.680 W115 01.500                         |       |     |
| 2          | DREAM   | LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530) | 12000 |     |
| 3          | ALAMO B | N36 55.499 W115 12.549                         | 12000 |     |
| 4          | T62.51  | N36 47.026 W115 26.661                         |       |     |
| 5          | ARCOE   | LSV 357/30 (N36 44.260 W114 55.020)            | 15000 |     |
| 6          | Nellis  | N36 14.680 W115 01.500                         |       |     |

| COMMS |                                        |
|-------|----------------------------------------|
| Radio | Usage                                  |
| 1     | 132.25                                 |
| 2     | 11-3-4-16- 234.250 (Range62)-16-11-4-3 |
| 3     | 34.15                                  |

| OTHER FLIGHTS |          |                   |        |                    |       |       |
|---------------|----------|-------------------|--------|--------------------|-------|-------|
| Callsign      | Mission  | Airframe          | Freq   | TCN                | Grpld | Laser |
| Edelweiss 2   | Training | 1x AH-64D         | 133.25 | 21/84              |       | 172X  |
|               | AO       | Nellis, Winner LZ | Task   |                    |       |       |
| Rattler 4     | Training | 1x AH-64D         | 133.5  | 21/84              |       | 125X  |
|               | AO       | LATNC             | Task   |                    |       |       |
| Monster 1     | Training | 3x A-10C          | 132.15 | 25/88              | 21    | 161X  |
|               | AO       | Range 64          | Task   | Iron Bombs Eyeball |       |       |
| Edelweiss 4   | Training | 4x F-16C          | 134.0  | 21/84              |       | 174X  |
|               | AO       | Groom Lake        | Task   | SAM Evasion        |       |       |

| 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          | Q    | U   | E   | L  | C  | H   | I  | N  | G  |    |
| KTC 1400 C |      |     |     |    |    |     |    |    |    |    |
|            | 0    | 1   | 2   | 3  | 4  | 5   | 6  | 7  | 8  | 9  |
| A          | SHLC | JXP | TEU | OR | GM | AKD | FW | BV | IQ | NY |
| B          | WTCR | FOL | YDS | AN | PX | HUE | GK | BV | JQ | MI |
| C          | SOXL | HKF | RIC | JE | TG | ADQ | YP | VM | UW | NB |
| D          | EFJH | NLD | CTO | XI | YG | MPU | QB | KS | WR | VA |
| E          | HEBY | XJP | GMQ | DK | NW | ALF | RU | SV | TO | CI |
| F          | RHJK | CXP | DQF | LY | SM | GAV | OE | UW | BI | NT |
| G          | PBOL | XNQ | UHT | KG | WE | AIM | FD | RY | VC | SJ |
| H          | QSWA | KXI | NFM | LT | YV | BOE | JG | HU | DP | RC |
| I          | TMJH | DKW | CPG | OB | IN | FAV | UX | EY | LR | QS |
| J          | GXFQ | HBJ | UMW | SP | DN | CAO | TR | KL | IY | EV |
| K          | MJLY | HGC | SXU | OD | BA | TPV | RW | QI | FK | NE |
| L          | NQID | PRY | OVW | EC | KA | GHT | LS | FX | JU | BM |
| M          | MJHW | DUL | FTA | NB | KE | SRO | VQ | XP | CY | GI |
| N          | SGYV | KIM | APF | JO | WC | EDB | TH | QU | RX | LN |
| O          | LORC | YJH | FDB | SW | KV | XEU | TQ | AG | MP | NI |
| P          | WXYT | PHK | AML | RC | DI | OEQ | NJ | SB | VG | FU |
| Q          | CQHA | NJL | TIO | FM | UG | DBE | KW | YP | RV | XS |
| R          | GXOF | ITL | RND | WE | HB | YAK | QP | SC | MJ | UV |
| S          | WGND | SOP | FRE | MJ | LV | HAB | TU | IX | CQ | KY |
| T          | OHGL | NSI | MCT | RF | DX | PJY | BA | UE | KW | QV |
| U          | WHIV | GNY | MJX | DQ | OP | CSF | UA | KB | ET | LR |
| V          | FBVE | NRW | MSQ | DA | JL | HPU | XC | GY | IT | KO |
| W          | XWRD | MNB | HLY | EJ | VF | PIG | CQ | OT | KU | AS |
| X          | PCSV | JWM | FIR | HO | QD | LKG | NX | UY | BT | AE |
| Y          | MGNO | UCT | KIB | VY | AW | JQS | HX | RL | FP | ED |

| 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 - 0.8 200 (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

**DREAM**  
N3710.34  
W11459.53

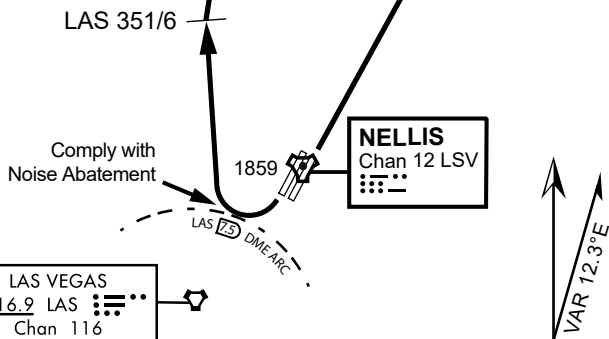
**MINTT**  
LAS 351/38

**JUNNO**  
BLD 346/44  
Chan 114

## VMC ONLY

### PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

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



### DEPARTURE ROUTE DESCRIPTION

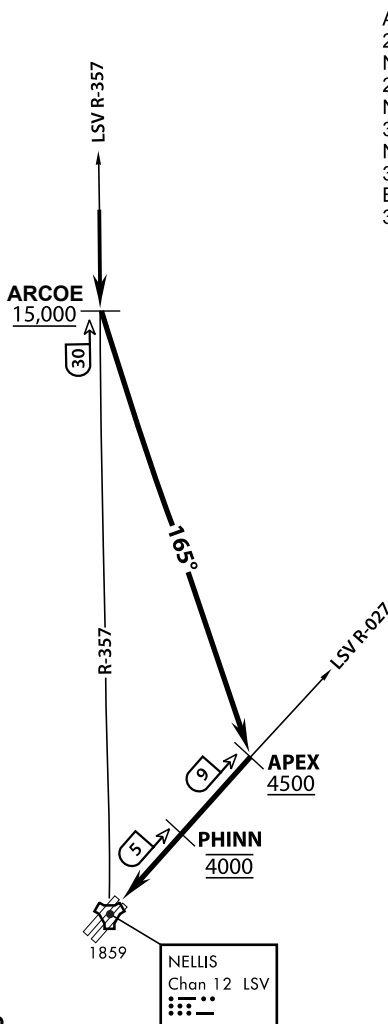
#### TAKE-OFF RWY 3 L/R

- Remain below 3000' MSI until departure end of runway.
- Request VFR cruising altitude on departure, maintain VFR during climb.
- Fly DREAM FOUR ground track to DREAM, proceed VFR to scheduled airspace.

#### TAKE-OFF RWY 21 L/R

- Follow Noise Abatement procedures
- Request VFR cruising altitude on departure, maintain VFR during climb.
- Fly DREAM FOUR ground track to DREAM, proceed VFR to scheduled airspace.

### DREAM LOW DEPARTURE (AFBI)



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

vJaBoG32 NTTR NAV CHART

## APPROACH ROUTE DESCRIPTION

## OVERHEAD

Cross ARCOE at or above 15,000 MSL, then heading 165° to APEX.

Cross APEX at or above 4,500 MSL, report to tower.

Cross PHINN (LSV 027/5) at 4,000 MSL then descend to 3,500 MSL for Initial.

## VFR STRAIGHT IN RWY 21

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