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|---|--|---|-----|--|--------|---|---------|----------|-----|--|--------|-----------------------------|---------|--------------------------|-----|---------|
| US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION | | RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33 | | Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR. | | | | | | | | | | | | |
| TERMINAL ROUTES | | | | | | | | | | MISSED APPROACH | | | | | | |
| FROM | | TO | | COURSE AND DISTANCE | | | | ALTITUDE | | KOYEN | | | | | | |
| BDR VOR/DME | | OCTAV (FB) | | 132.03 / 15.09 | | | | 2000 | | CLIMB TO 2000 DIRECT PIRCE AND HOLD. | | | | | | |
| HTO VORTAC | | FRANQ (FB) | | 265.98 / 12.73 | | | | 2000 | | | | | | | | |
| FRANQ (IAF) | | ARDIS (NOPT) (FB) | | 329.18 / 8.00 | | | | 2000 | | | | | | | | |
| OCTAV (IAF) | | ARDIS (NOPT) (FB) | | 149.02 / 8.00 | | | | 2000 | | | | | | | | |
| ARDIS (IF) | | WEENG (FB) | | 239.10 / 5.13 | | | | 1700 | | | | | | | | |
| WEENG (FAF) | | KOYEN (MAP) (FO) | | 239.05 / 4.37 | | | | | | ADDITIONAL FLIGHT DATA: HOLD SW, RT, 058.89 INBOUND. CHART FAS OBST: 213 TREE 405041N/0724937W CHART CIRCLING ICON. WEENG TO RWY 24: 3.04/45 | | | | | | |
| KOYEN (MAP) | | 481 MSL | | 239.05 | | | | | | | | | | | | |
| 481 MSL | | PIRCE (FO) | | | | | | 2000 | | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) | | | | | | | | | | | | | | | | |
| 2. PROFILE STARTS AT ARDIS | | | | | | | | | | | | | | | | |
| 3. FAC: 239.05 FAF: WEENG DIST FAF TO MAP: 4.37 THLD: _____ | | | | | | | | | | | | | | | | |
| 4. MIN. ALT: ARDIS 2000, WEENG 1700 | | | | | | | | | | | | | | | | |
| 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ | | | | | | | | | | | | | | | | |
| 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ | | | | | | | | | | | | | | | | |
| 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR | | | | | | | | | | | | | | | | |
| 8. MSA FROM: KOYEN 1900 | | | | | | | | | | | | | | | | |
| MAG VAR: 14W EPOCH YEAR: 2000 | | | | | | | | | | | | | | | | |
| MINIMUMS | | | | | | | | | | | | | | | | |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | | | | | | | | | | ALTERNATE: N A | | STANDARD @ | | | | |
| CATEGORY =====> | | A | | B | | C | | D | | E | | | | | | |
| | | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA |
| CIRCLING | | 560 | 1 | 479 | 560 | 1 | 479 | | NA | | | NA | | | | |
| | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LONG ISLAND MACARTHUR ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BDR VOR/DME AIRWAY RADIALS 054 CW 212. (CONTINUED ON PAGE 2) | | | | | | | | | | | | | | | | |
| CITY AND STATE SHIRLEY, NY | | ELEVATION: 81 TDZE: AIRPORT NAME: BROOKHAVEN | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS)-A, ORIG 8 DECEMBER 2016 | | | | | | SUP: AMDT: NONE DATED | | QUALITY 22 CHECKED | | |

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON HTO VORTAC AIRWAY RADIALS 236 CW 285.

CHART NOTE: RWY 24, HELICOPTER VISIBILITY BELOW 3/4 SM NOT AUTHORIZED.

QUALITY
22

CITY AND STATE
SHIRLEY, NY

ELEVATION: 81 TDZE:
AIRPORT NAME:
BROOKHAVEN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS)-A, ORIG
8 DECEMBER 2016

SUP: **CHECKED**
AMDT: **NONE**
DATED:

| | | | | | | | | | | | | | | |
|--|------------|-----------------------|-------------|-------|------------------------|-------------|------------|------------------------|-------------|---------------|------------------|--|---------------------------------------|----------------------------|
| U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33 | | | | | | | | | | | | Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR. | | |
| ARINC SUMMARY - KHWV ROUTES | | | | | | | | | | | | | | |
| TRANSITION | WPT SEQ | WPT NAME | LEG TYPE | FB/FO | RNP | MAG CRS | REC NAV | ANGLE | TURN DIR | CENTER FIX | TURN RADIUS | ALTITUDE DESCRIPTION & VALUE | SPEED LIMIT DESCRIPTION & VALUE | WPT DESCRIPTION CODE |
| BDR | 010 | BDR | IF | FB | | | | | | | | | | V |
| BDR | 020 | OCTAV | TF | FB | 2.0 | 132.0 | | | | | | AA 02000 | | E A |
| BDR | 030 | ARDIS | TF | FB | 1.0 | 149.0 | | | | | | AA 02000 | | EE B |
| HTO | 010 | HTO | IF | FB | | | | | | | | | | V |
| HTO | 020 | FRANQ | TF | FB | 2.0 | 266.0 | | | | | | AA 02000 | | E A |
| HTO | 030 | ARDIS | TF | FB | 1.0 | 329.2 | | | | | | AA 02000 | | EE B |
| | 010 | ARDIS | IF | FB | | | | | | | | AA 02000 | | E I |
| | 020 | WEENG | TF | FB | 1.0 | 239.1 | | | | KOYEN | | AA 01700 | | E F |
| | 030 | KOYEN | TF | FO | 0.3 | 239.1 | | 3.04 | | | | AT 00287 | | EY M |
| | 040 | | CA | FB | | 239.1 | | | | | | AA 00481 | | M |
| | 050 | PIRCE | DF | FO | | | | | | | | AA 02000 | | EY |
| | 060 | PIRCE | HM | FO | | 058.9 | | | R | | | AA 02000 | | EE |
| POINTS | | | | | | | | | | | | | | |
| POINT NAME | | | LATITUDE | | | LONGITUDE | | | | | | | | |
| BDR | | | N410938.50 | | | W0730728.19 | | | | | | | | |
| HTO | | | N405508.38 | | | W0721900.14 | | | | | | | | |
| ARDIS | | | N405651.27 | | | W0724223.97 | | | | | | | | |
| FRANQ | | | N405110.81 | | | W0723457.48 | | | | | | | | |
| KOYEN | | | N405008.35 | | | W0725115.92 | | | | | | | | |
| OCTAV | | | N410231.24 | | | W0724951.74 | | | | | | | | |
| PIRCE | | | N404130.25 | | | W0730235.92 | | | | | | | | |
| WEENG | | | N405313.87 | | | W0724711.33 | | | | | | | | |
| RUNWAYS | | | | | | | | | | | | | | |
| RUNWAY | | THRESHOLD LATITUDE | | | THRESHOLD LONGITUDE | | | THRESHOLD ELEVATION | | | PROCEDURE TCH | | | |
| RW24 | | N404947.12 | | | W0725143.88 | | | 00081 | | | 45 | | | |

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|--|---|-------|---|--|---|
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 QUALITY
22
CHECKED