

RADIO FIX AND HOLDING DATA RECORD

INFORMATION
ONLY

NAME: APPLE

STATE: NY

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 403322.09N/0740344.11W

TYPE: WP, RADAR, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FAC FEET | MRA | MAA |
|-----|------------|-------|---------|-------|---------|----------|-------|------------------|----------|------|-------|
| 1 | LA GUARDIA | LGA | VOR/DME | L | 225.00 | 213.00 | 16.26 | 16.26 | | 5000 | 17500 |
| 2 | KENNEDY | JFK | VOR/DME | H | 263.00 | 251.00 | 14.07 | 14.07 | | 3500 | 17500 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|------|-----|---------------|----------|---------|
| EN ROUTE | V123 | 1, 2 | | | | (US) |
| EN ROUTE | V157 | 1, 2 | | | | (US) |
| EN ROUTE | V6 | 1, 2 | | | | (US) |
| STAR | APPLE (RNAV) | | | KLGA | NEW YORK | NY (US) |
| STAR | KORRY | 1, 2 | | KLGA | NEW YORK | NY (US) |
| STAR | MILTON | 1, 2 | | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

FIX USE: REMOVED ENROUTE V445.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TOMMY BYRNS

APPROVED BY:

DATE: 09/08/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BRAND **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 400206.28N/0744409.50W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: 20-ASO-31 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FEET | MRA | MAA |
|-----|--------------|-------|--------|-------|---------|----------|-------|------------------|------|------|-------|
| 1 | ROBBINSVILLE | RBV | VORTAC | H | 237.95 | 227.95 | 14.95 | 14.95 | | 2000 | 45000 |
| 2 | COYLE | CYN | VORTAC | H | 323.00 | 313.00 | | 19.18 | | 2000 | 45000 |

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | DME | HOLDING ALTITUDES MIN | MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|--------|-------------|-------------|---------------|-----------------|-----|-----------------------|------|---------------|-----|
| 1 | SW | RBV | VORTAC | 237.95 | 057.95 | R | 1 | | 2000 | 4000 | 4 | 5 |
| 2 | SW | WP | WP | 240.00 | 060.00 | R | | 4 | 7000 | 8000 | 7 | 7 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1 | 200 | TOWER (34-000411) | 400029.04N/0744220.33W | 470 | 4D |
| 2 | 210 | TOWER (34-000838) | 395134.00N/0745659.00W | 551 | 4D |

HOLDING RESTRICTIONS:

PAT 2 CHART 210K ICON

REMARKS:

ROBBINSVILLE (FAC 1) AND COYLE (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 2: 4 DME LEG REQUESTED BY ATC.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|---------------------------|------|-----|---------------|--------------|---------|
| EN ROUTE | Q22 | | | | | (US) |
| EN ROUTE | V123 | 1, 2 | | | | (US) |
| EN ROUTE | V157 | 1, 2 | | | | (US) |
| EN ROUTE | V213 | 1, 2 | | | | (US) |
| IAP | ILS V RWY 17 (CONVERGING) | 1, 2 | 1 | KPHL | PHILADELPHIA | PA (US) |
| STAR | BRAND (RNAV) | | 2 | KEWR | NEWARK | NJ (US) |
| STAR | APPLE (RNAV) | | 2 | KLGA | NEW YORK | NY (US) |
| STAR | KORRY | 1, 2 | | KLGA | NEW YORK | NY (US) |
| STAR | PROUD (RNAV) | | | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 12/02/2021

REASON FOR REVISION:

1. CHANGED AIRSPACE DOCKET NUMBER FROM 20-AEA-22 TO 20-ASO-31.
2. FIX USE: REMOVED J191 AND J42.
3. CHARTING: REMOVED ENROUTE HIGH.

8/26/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/01/2021.

1. DELETED IAP LOC BC RWY 6 AT KPHL FROM FIX USE.

10/13/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 8/26/2021.

1. CHARTING: ADDED EN ROUTE HIGH.

| | | | |
|--|-------------------------|-------------------------|------------------------------|
| INITIATED BY: | DATE: | ORGANIZATION: | NAME: |
| OFFICE OF PRIMARY RESPONSIBILITY: | | AJV-A431 | NAME: TARA MARTINELLI |
| APPROVED BY: | DATE: 06/16/2021 | OFFICE: AJV-A430 | NAME: LONNIE EVERHART |
| | SIGNATURE: | | |

RADIO FIX AND HOLDING DATA RECORD

INFORMATION ONLY

NAME: DEPDY **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 401208.25N/0742942.67W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME DME | HOLDING MIN | ALTITUDES MAX | TEMPLATES MIN | TEMPLATES MAX |
|-----|-----|-------|------|-------------|-------------|---------------|---------------------|-------------|---------------|---------------|---------------|
| 1 | SW | | WP | 236.00 | 056.00 | R | 4 | 8000 | 8000 | 7 | 7 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1 | 210 | TOWER (34-000693) | 401202.00N/0742528.00W | 637 | 5D |

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|-----|-----|---------------|----------|---------|
| STAR | APPLE (RNAV) | | 1 | KLGA | NEW YORK | NY (US) |
| STAR | PROUD (RNAV) | | 1 | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: STAR, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/05/2020

REASON FOR REVISION:

06/23/2020: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/03/20.
1. ADDED STAR PROUD (RNAV) AT KLGA TO FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** LIAM DONAHUE

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NY APP CON, NY ARTCC
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: DUPONT VORTAC **STATE:** DE **COUNTRY:** US **ICAO REGION CODE:** K6

LATITUDE/LONGITUDE: 394041.30N/0753625.51W **TYPE:**

AIRSPACE DOCKET: 21-AEA-17 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC | MRA | MAA |
|-----|--------|-------|--------|-------|---------|----------|-----|---------------|-----|-------|
| | | | | | | | NM | FEET | | |
| 1 | DUPONT | DQO | VORTAC | L | | | | | | 17500 |

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH | HOLDING ALTITUDES | TEMPLATES | | |
|-----|-----|-------|--------|-------------|-------------|---------------|------------|-------------------|-----------|-----|-----|
| | | | | | | | DME | MIN | MAX | MIN | MAX |
| 1 | SW | DQO | VORTAC | 233.00 | 053.00 | L | 1 | 2000 | 14000 | 6 | 8 |
| 2 | E | DQO | VORTAC | 068.00 | 248.00 | L | 1 | 3000 | 8000 | 4 | 8 |
| 3 | SW | | WP | 235.00 | 055.00 | L | | 4000 | 12000 | 5 | 10 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1 | 210 | STACK (10-000014) | 393536.00N/0753803.00W | 560 | 5D |
| 2 | 200 | TOWER (10-000182) | 394629.40N/0753146.00W | 515 | 5D |
| 3 | 210 | STACK (10-000014) | 393536.00N/0753803.00W | 560 | 5D |

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
 PAT 2 ATC REQUEST
 PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON
 HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ASSIGNED FACILITY MAGVAR: 10W (1980).
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-----------------------------|-----|-----|---------------|---------------|---------|
| DP | DOCTR (RNAV) | | | KDCA | WASHINGTON | DC (US) |
| DP | SWANN | | | KBWI | BALTIMORE | MD (US) |
| DP | ATLANTIC CITY | | | KACY | ATLANTIC CITY | NJ (US) |
| DP | LEEAH | | | KMIV | MILLVILLE | NJ (US) |
| DP | PHILADELPHIA | | | KPHL | PHILADELPHIA | PA (US) |
| EN ROUTE | V166 | | | | | (US) |
| EN ROUTE | V170 | | 1 | | | (US) |
| EN ROUTE | V252 | | | | | (US) |
| EN ROUTE | V29 | | | | | (US) |
| EN ROUTE | V433 | | 1 | | | (US) |
| EN ROUTE | V469 | | | | | (US) |
| EN ROUTE | V479 | | | | | (US) |
| IAP | NDB-A | | | KEVY | MIDDLETOWN | DE (US) |
| IAP | RNAV (GPS) RWY 17 | | | KEVY | MIDDLETOWN | DE (US) |
| IAP | RNAV (GPS) RWY 19 | | | KILG | WILMINGTON | DE (US) |
| IAP | VOR RWY 27 | | | KILG | WILMINGTON | DE (US) |
| IAP | VOR RWY 9 | | | KILG | WILMINGTON | DE (US) |
| IAP | RNAV (GPS) RWY 29 | | | KMQS | COATESVILLE | PA (US) |
| IAP | ILS OR LOC RWY 9L | | | KPHL | PHILADELPHIA | PA (US) |
| IAP | ILS RWY 9L (SA CAT II) | | 2 | KPHL | PHILADELPHIA | PA (US) |
| IAP | ILS V RWY 9R (CONVERGING) | | 2 | KPHL | PHILADELPHIA | PA (US) |
| IAP | ILS Z OR LOC Z RWY 9R | | 2 | KPHL | PHILADELPHIA | PA (US) |
| IAP | ILS Z RWY 9R (CAT II & III) | | 2 | KPHL | PHILADELPHIA | PA (US) |
| IAP | ILS Z RWY 9R (SA CAT I) | | 2 | KPHL | PHILADELPHIA | PA (US) |
| IAP | RIVER VISUAL RWY 9L/9R | | | KPHL | PHILADELPHIA | PA (US) |
| IAP | RNAV (GPS) Y RWY 9L | | | KPHL | PHILADELPHIA | PA (US) |
| IAP | RNAV (GPS) Y RWY 9R | | | KPHL | PHILADELPHIA | PA (US) |
| IAP | RNAV (RNP) Z RWY 9L | | | KPHL | PHILADELPHIA | PA (US) |
| IAP | RNAV (RNP) Z RWY 9R | | | KPHL | PHILADELPHIA | PA (US) |
| STAR | DELRO | | | KIAD | WASHINGTON | DC (US) |
| STAR | BRAND (RNAV) | | 3 | KEWR | NEWARK | NJ (US) |
| STAR | DYLIN | | | KEWR | NEWARK | NJ (US) |
| STAR | PHLBO (RNAV) | | | KEWR | NEWARK | NJ (US) |
| STAR | APPLE (RNAV) | | 3 | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 11/03/2022

INFORMATION ONLY

REASON FOR REVISION:

- 1. DELETED V214 FROM FIX USE.
- 2. ADDED AIRSPACE DOCKET 21-AEA-17.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: BARRY SMITH

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KORRY **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 400537.83N/0743905.56W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | MRA | MAA |
|-----|--------------|-------|---------|-------|---------|----------|-------|------------------|------|-------|
| 1 | ROBBINSVILLE | RBV | VORTAC | H | 237.95 | 227.95 | 9.71 | 9.71 | 3000 | 17500 |
| 2 | YARDLEY | ARD | VOR/DME | L | 139.00 | 129.00 | 15.17 | 15.17 | 3000 | 17500 |

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | HOLDING DME | ALTITUDES MIN | TEMPLATES MAX | MIN | MAX |
|-----|-----|-------|------|-------------|-------------|---------------|-----------------|-------------|---------------|---------------|-----|-----|
| 1 | NE | | WP | 060.95 | 240.95 | R | | 4 | 3000 | 4000 | 5 | 5 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1 | 200 | TOWER (34-000258) | 400916.00N/0742946.00W | 562 | 3C |

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|------|-----|---------------|----------|---------|
| EN ROUTE | V123-157-213 | 1, 2 | | | | (US) |
| STAR | BRAND (RNAV) | | | KEWR | NEWARK | NJ (US) |
| STAR | APPLE (RNAV) | | | KLGA | NEW YORK | NY (US) |
| STAR | KORRY | 1, 2 | | KLGA | NEW YORK | NY (US) |
| STAR | PROUD (RNAV) | | | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/05/2020

REASON FOR REVISION:

1. DELETED GATBY STAR AT KLGA FROM AND ADDED APPLE STAR AT KLGA TO FIX USE.
2. DELETED RUUTH STAR AT KEWR FROM AND ADDED BRAND STAR AT KEWR TO FIX USE.
3. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

06/23/2020: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/03/20.

1. ADDED STAR PROUD (RNAV) AT KLGA TO FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** LIAM DONAHUE

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
 FPO: EST
 ARTCC: ZNY
 ATC FACILITY: WRI RAPCON
 OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: LOUIE **STATE:** MD **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 383644.33N/0761804.37W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FEET | MRA | MAA |
|-----|----------|-------|--------|-------|---------|----------|-------|------------------|------|------|-------|
| 1 | PATUXENT | PXT | VORTAC | L | 023.46 | 013.46 | 20.00 | 20.00 | | 2500 | 17500 |

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|-----|-----|---------------|--------------|---------|
| DP | LUCYL (RNAV) | | | KRIC | RICHMOND | VA (US) |
| EN ROUTE | T291 | | | | | (US) |
| EN ROUTE | T295 | | | | | (US) |
| EN ROUTE | V93 | 1 | | | | (US) |
| STAR | MAZIE (RNAV) | | | KCDW | CALDWELL | NJ (US) |
| STAR | MAZIE (RNAV) | | | N07 | LINCOLN PARK | NJ (US) |
| STAR | MAZIE (RNAV) | | | KLDJ | LINDEN | NJ (US) |
| STAR | MAZIE (RNAV) | | | 47N | MANVILLE | NJ (US) |
| STAR | MAZIE (RNAV) | | | KMMU | MORRISTOWN | NJ (US) |
| STAR | BRAND (RNAV) | | | KEWR | NEWARK | NJ (US) |
| STAR | MAZIE (RNAV) | | | KSMQ | SOMERVILLE | NJ (US) |
| STAR | MAZIE (RNAV) | | | KTEB | TETERBORO | NJ (US) |
| STAR | APPLE (RNAV) | | | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: DP, STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 11/05/2020

REASON FOR REVISION:

1. DELETED GATBY STAR AT KLGA FROM FIX USE.
2. DELETED RUUTH STAR AT KEWR FROM AND ADDED BRAND STAR AT KEWR TO FIX USE.
3. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

07/09/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/03/20.

1. ADDED STAR MAZIE (RNAV) TO KN07 IN FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** LIAM DONAHUE
APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY:
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: MINKS **STATE:** NJ **COUNTRY:** US **ICAO REGION CODE:** K6
LATITUDE/LONGITUDE: 402229.54N/0741637.10W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FAC FEET | MRA | MAA |
|-----|--------------|-------|---------|-------|---------|----------|-------|---------------------|----------|------|-------|
| 1 | ROBBINSVILLE | RBV | VORTAC | H | 054.00 | 044.00 | 14.39 | 14.39 | | 2000 | 17500 |
| 2 | SOLBERG | SBJ | VOR/DME | L | 130.24 | 120.24 | | 24.67 | | 2000 | 17500 |

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:

ROBBINSVILLE (FAC 1) AND SOLBERG (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------------|------|-----|---------------|----------|---------|
| EN ROUTE | V123 | 1, 2 | | | | NJ (US) |
| EN ROUTE | V157 | 1, 2 | | | | NJ (US) |
| IAP | RNAV (RNP) Z RWY 4 | | | KLGA | NEW YORK | NY (US) |
| STAR | APPLE (RNAV) | | | KLGA | NEW YORK | NY (US) |
| STAR | KORRY | 1, 2 | | KLGA | NEW YORK | NY (US) |
| STAR | PROUD (RNAV) | | | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 11/05/2020

REASON FOR REVISION:

1. DELETED GATBY STAR AT KLGA FROM AND ADDED APPLE STAR AT KLGA TO FIX USE.
2. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

06/23/2020: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/03/20.

1. ADDED STAR PROUD (RNAV) AT KLGA TO FIX USE.

ATC COORDINATION: **DATE:** 12/19/2019 **FACILITY:** **NAME:**
INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 **NAME:** LIAM DONAHUE
APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NY TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RUUTH STATE: NJ COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 395101.24N/0745959.17W TYPE: WP, INT, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FEET | MRA | MAA |
|-----|--------------|-------|---------|-------|---------|----------|-------|------------------|------|------|-------|
| 1 | YARDLEY | ARD | VOR/DME | L | 200.00 | 190.00 | 24.53 | 24.53 | | 2000 | 17500 |
| 2 | DUPONT | DQO | VORTAC | L | 079.63 | 069.63 | | 29.94 | | 4000 | 17500 |
| 3 | ROBBINSVILLE | RBV | VORTAC | H | 237.95 | 227.95 | 31.41 | 31.41 | | 3000 | 17500 |
| 4 | WOODSTOWN | OOD | VORTAC | L | 057.44 | 047.44 | 19.03 | 19.03 | | 2000 | 17500 |

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH DME | HOLDING ALTITUDES MIN | MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|------|-------------|-------------|---------------|----------------|-----------------------|-------|---------------|-----|
| 1 | W | | WP | 262.00 | 082.00 | L | 4 | 4000 | 12000 | 5 | 10 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1 | 200 | TOWER (34-000057) | 395436.00N/0750559.00W | 617 | 4D |

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:

YARDLEY (FAC 1) AND DUPONT (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|-------------|--------------------|---------|-----|---------------|--------------|---------|
| SPECIAL IAP | RNAV (GPS) M RWY 2 | | | 3NJ6 | RANCOCAS | NJ (US) |
| DP | PHILADELPHIA | 1, 2 | | KPHL | PHILADELPHIA | PA (US) |
| EN ROUTE | V123 | 1, 3, 4 | | | | PA (US) |
| EN ROUTE | V157 | 1, 3, 4 | | | | PA (US) |
| EN ROUTE | V479 | 1, 2 | | | | PA (US) |
| IAP | RNAV (GPS) RWY 27 | | | KILG | WILMINGTON | DE (US) |
| IAP | RNAV (GPS) RWY 25 | | | 7N7 | PEDRICKTOWN | NJ (US) |
| STAR | BRAND (RNAV) | | 1 | KEWR | NEWARK | NJ (US) |
| STAR | APPLE (RNAV) | | 1 | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: DP, STAR, IAP, AREA, EN ROUTE LOW, SPECIAL IAP, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

- DELETED FIX RESTRICTIONS.
- UPDATED FIX USE: CHANGED NAME FROM RNAV (GPS) RWY 2 TO RNAV (GPS) M RWY 2 AND TYPE FROM IAP TO SPECIAL IAP.
- UPDATED FIX USE: DELETED RNAV (GPS) RWY 5 AT N73

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: RICHARD CLARK

APPROVED BY: DATE: 11/03/2022 OFFICE: AJV-A430 NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

INFORMATION
ONLY

NAME: SHLBK

STATE: MD

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 382016.21N/0762610.51W

TYPE: WP

AIRSPACE DOCKET: 21-AEA-22

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHART ON SECTIONAL - ATC REQUEST.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|-----|-----|---------------|--------------|---------|
| DP | LUCYL (RNAV) | | | KRIC | RICHMOND | VA (US) |
| EN ROUTE | T224 | | | | | (US) |
| EN ROUTE | T315 | | | | | (US) |
| STAR | MAZIE (RNAV) | | | KCDW | CALDWELL | NJ (US) |
| STAR | MAZIE (RNAV) | | | N07 | LINCOLN PARK | NJ (US) |
| STAR | MAZIE (RNAV) | | | KLDJ | LINDEN | NJ (US) |
| STAR | MAZIE (RNAV) | | | 47N | MANVILLE | NJ (US) |
| STAR | MAZIE (RNAV) | | | KMMU | MORRISTOWN | NJ (US) |
| STAR | BRAND (RNAV) | | | KEWR | NEWARK | NJ (US) |
| STAR | MAZIE (RNAV) | | | KSMQ | SOMERVILLE | NJ (US) |
| STAR | MAZIE (RNAV) | | | KTEB | TETERBORO | NJ (US) |
| STAR | APPLE (RNAV) | | | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: SECTIONAL, DP, STAR, AREA, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/23/2023

REASON FOR REVISION:

AIRSPACE DOCKET ADDED 21-AEA-22
REMARKS ADDED CHART ON SECTIONAL - ATC REQUEST
FIX USE ADDED T315 AND T224
REQUIRED CHARTING ADDED AREA AND SECTIONAL

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: JOSHUA DUGAN

APPROVED BY:

DATE: 02/23/2023

OFFICE: AVJ-A420

NAME: MARLON ROBINSON

SIGNATURE:

INFORMATION
ONLY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

INFORMATION ONLY

NAME: WNDYL STATE: NJ COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 395844.47N/0744858.56W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

HOLDING: HOLDING TYPE OF ACTION: ESTABLISH

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | DME | HOLDING MIN | ALTITUDES MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|------|-------------|-------------|---------------|-----------------|-----|-------------|---------------|---------------|-----|
| 1 | SW | | WP | 240.00 | 060.00 | R | | 4 | 9000 | 10000 | 8 | 8 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1 | 210 | TOWER (34-000838) | 395134.00N/0745659.00W | 551 | 4D |

HOLDING RESTRICTIONS:

PAT 1 CHART 210K ICON
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1: 4 DME LEG LENGTH REQUESTED BY ATC.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------|-----|-----|---------------|----------|---------|
| STAR | BRAND (RNAV) | | | KEWR | NEWARK | NJ (US) |
| STAR | APPLE (RNAV) | | 1 | KLGA | NEW YORK | NY (US) |

REQUIRED CHARTING: STAR, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 11/05/2020

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: LIAM DONAHUE

APPROVED BY: DATE: OFFICE: AJV-A430 NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NY APP CON, NY ARTCC
OTHER: