

RADIO FIX AND HOLDING DATA RECORD

NAME: APPLE

STATE: NY

COUNTRY: US

LATITUDE/LONGITUDE: 403322.09N/0740344.11W

TYPE: 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 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	V445	1, 2				(US)
EN ROUTE	V6	1, 2				(US)
STAR	GATBY	1, 2	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, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

REMOVED IAP FROM CHART PUB.
UPDATED FIX USE.

DEVELOPED BY:

DATE: 01/11/2016

OFFICE: AJV-5411

NAME: ANDI LAU

APPROVED BY:

DATE: *Digitally signed by*

OFFICE: AJV-5410

NAME: MARLON ROBINSON

JULIE A MORGAN

SIGNATURE: Jan 25, 2016

DISTRIBUTION:

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

QUALITY
5
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DIALS

STATE: NY

COUNTRY: US

LATITUDE/LONGITUDE: 404256.05N/0735536.36W

TYPE: 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	225.01	213.01	4.87	4.87	29600	2500	17500
2	KENNEDY	JFK	VOR/DME	H	317.00	305.00		8.65	52583	2500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V6, V123, V157, V433, V445	1, 2				(US)
IAP	EXPRESSWAY VISUAL RWY 31	1, 2		KLGA	NEW YORK	NY (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED FIX USE.

DEVELOPED BY:

DATE: 01/11/2016

OFFICE: AJV-5411

NAME: ANDI LAU

APPROVED BY:

DATE: *Digitally signed by*

OFFICE: AJV-5410

NAME: MARLON ROBINSON

JULIE A MORGAN

SIGNATURE: Jan 25, 2016

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NYC APP CON
OTHER:

QUALITY
5
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GREKO

STATE: NY

COUNTRY: US

LATITUDE/LONGITUDE: 405155.66N/0734815.87W

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	FEET	MRA	MAA
1	LA GUARDIA	I-URD	LOC		044.14	032.14		6.88	41812	1900	4500
2	LA GUARDIA	LGA	VOR/DME	L	042.80	030.80	5.71	5.71		1900	6000
3	DEER PARK	DPK	VOR/DME	L	293.13	281.13		23.23		1900	6000
4	CANARSIE	CRI	VOR/DME	T	026.12	015.12	15.72	15.72		1900	6000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	LGA	VOR/DME	042.80	222.80	L	1		2000	6000	4	6
2	NE	CRI	VOR/DME	026.12	206.12	L	1		2000	6000	4	6
3	NE	WP	WP	043.00	223.00	L		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	BLDG (36-002397)	405248.35N/0735238.48W	620	5D
1	310	TOWER (36-000181)	410132.00N/0734938.00W	893	1D
2	200	BLDG (36-002397)	405248.35N/0735238.48W	620	5D
2	310	AAO	410851.00N/0734406.00W	968	4E
3	200	BLDG (36-002397)	405248.35N/0735238.48W	620	5D

REASON FOR NONSTANDARD HOLDING:

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

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 13	KLGA	NEW YORK	NY (US)
1	COPTER ILS OR LOC RWY 13	KLGA	NEW YORK	NY (US)
2	ILS OR LOC RWY 13 (ALTERNATE MISS)	KLGA	NEW YORK	NY (US)

REMARKS:

LA GUARDIA (FAC 2) AND DEER PARK (FAC 3) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	COPTER ILS OR LOC RWY 13	2, 3	1	KLGA	NEW YORK	NY (US)
IAP	COPTER ILS OR LOC/DME RWY 22	1, 2		KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 13	2, 3	1	KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 13 (ALTERNATE MISS)	3, 4	2	KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 22	1, 2, 3		KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 4	2, 3	1	KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 4 (ALTERNATE MISS)	3, 4	2	KLGA	NEW YORK	NY (US)
IAP	ILS RWY 22 (SA CAT II)	1, 2, 3		KLGA	NEW YORK	NY (US)
IAP	ILS RWY 22 (SA CAT I)	1, 2, 3		KLGA	NEW YORK	NY (US)
IAP	LOC RWY 31	2, 3	1	KLGA	NEW YORK	NY (US)
IAP	RNAV (GPS) Y RWY 22			KLGA	NEW YORK	NY (US)
IAP	RNAV (GPS) Y RWY 4		3	KLGA	NEW YORK	NY (US)
IAP	RNAV (RNP) Z RWY 4		3	KLGA	NEW YORK	NY (US)
IAP	VOR RWY 4	2, 3	1	KLGA	NEW YORK	NY (US)
IAP	VOR/DME-H	2, 3	1	KLGA	NEW YORK	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED FIX USE.

QUALITY
5
CHECKED

DISTRIBUTION: NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: N90 / LGA ATCT
OTHER:

QUALITY
5
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PROUD

STATE: NY

COUNTRY: US

LATITUDE/LONGITUDE: 403747.25N/0735959.12W

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	MRA	MAA
1	LA GUARDIA	LGA	VOR/DME	L	225.00	213.00	11.00	11.00	2700	17500
2	KENNEDY	JFK	VOR/DME	H	281.05	269.05		10.43	2700	17500
3	ROBBINSVILLE	RBV	VORTAC	H	051.37	041.37	34.23	34.23	2700	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	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	LGA	VOR/DME	225.00	045.00	L	1		2700	8000	4	6
2	SW		WP	225.00	045.00	L		5	3000	12000	5	10
3	SW	RBV	VORTAC	051.37	051.37	L	1		3000	6000	6	9
4	SW	RBV	VORTAC	231.37	051.37	L	1		2700	6000	4	4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WORLD TRADE CENTER	404246.75N/0740047.27W	1906	1A
2	200	WORLD TRADE CENTER	404246.75N/0740047.27W	1906	1A
3	200	WORLD TRADE CENTER	404246.75N/0740047.27W	1906	1A
4	200	WORLD TRADE CENTER	404246.75N/0740047.27W	1906	1A

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST DUE TO AIRSPACE
 PAT 2 AIR TRAFFIC REQUEST DUE TO AIRSPACE
 PAT 3 AIR TRAFFIC REQUEST DUE TO AIRSPACE
 PAT 4 AIR TRAFFIC REQUEST DUE TO AIRSPACE

HOLDING RESTRICTIONS:

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

REMARKS:

LA GUARDIA (FAC 1) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 & 4 MIN HOLDING ALTITUDE 2700, OBSTACLE IN SECONDARY AREA.
 PAT 2 5 NM LEG RETAINED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V123	1, 2	1			(US)
EN ROUTE	V157	1, 2	1			(US)
EN ROUTE	V433	1, 2	1			(US)
EN ROUTE	V445	1, 2	1			(US)
EN ROUTE	V6	1, 2	1			(US)
IAP	COPTER ILS OR LOC/DME RWY 22	1, 2	1	KLGA	NEW YORK	NY (US)
IAP	COPTER ILS OR LOC/DME RWY 22 (ALT MISS)	2, 3	4	KLGA	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 22	1, 2	1	KLGA	NEW YORK	NY (US)
IAP	ILS RWY 22 (SA CAT I)	1, 2	1	KLGA	NEW YORK	NY (US)
IAP	ILS RWY 22 (SA CAT II)	1, 2	1	KLGA	NEW YORK	NY (US)
IAP	LDA-A	1, 2	1	KLGA	NEW YORK	NY (US)
IAP	RNAV (GPS) Y RWY 22		2	KLGA	NEW YORK	NY (US)
IAP	RNAV (GPS)-B		2	KLGA	NEW YORK	NY (US)
IAP	RNAV (RNP) Z RWY 22		2	KLGA	NEW YORK	NY (US)
IAP	VOR/DME-G	1, 2	1	KLGA	NEW YORK	NY (US)
STAR	GATBY	1, 2	1	KLGA	NEW YORK	NY (US)
STAR	KORRY	1, 2	1	KLGA	NEW YORK	NY (US)
STAR	MILTON	1, 2	1	KLGA	NEW YORK	NY (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED FIX USE.

QUALITY
4
CHECKED

QUALITY
4
CHECKED