US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DPK VOR/DME	FRIKK LOM	275.66 / 8.20	1900

MISSED APPROACH

ILS: DA
LOC: 3.85 MILES AFTER FRIKK LOM

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 DIRECT DPK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 800 THEN CLIMBING LEFT TURN TO 1600 DIRECT FRIKK LOM AND HOLD NW, RT, 146.24 INBOUND (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD N, LT, 200.00 INBOUND.
CHART FAS OBST: 297 TANK 404451N/0732647W
379 AAO 404649N/0732826W
CHART IN PLANVIEW: FRIKK LOM.
CHART IN PLANVIEW: (CFVTQ) AT 404800.99N/0733100.94W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW FRIKK LOM, RT, 146.24 INBOUND, 1600 FT. IN LIEU OF PT (IAF)
3. FAC: 146.24 FAF: FRIKK LOM DIST FAF TO MAP: 3.85 THLD: 3.85
4. MIN. ALT: FRIKK LOM 1400
5. DIST TO THLD FROM OM: 3.85 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1168
6. MIN GS INCPT: 1400 GS ALT AT: - OM: 1376 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 59.7
8. MSA FROM: FR LOM 235-325 2800, 325-235 2100

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD # | LOC: 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
S-ILS 14	277	3/4	200	277	3/4	200	277	3/4	200	277	3/4	200			
S-LOC 14	560	3/4	483	560	3/4	483	560	1	483	560	1	483			
CIRCLING	560	1	480	600	1	520	720	1 3/4	640	720	2	640			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 1 AND RWY 32 NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 14.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 14 CATS A/B VISIBILITY TO 1, CATS C/D VISIBILITY TO 1 3/8.
(SEE FORM 8260-10)

CAT C, D 700-2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
#@ NA WHEN CONTROL TOWER CLOSED.

CITY AND STATE	ELEVATION: 80 THRE: 77	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FARMINGDALE, NY	AIRPORT NAME: REPUBLIC	I-FRG	ILS OR LOC RWY 14, AMDT 8B	AMDT: 8A
				DATED 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] **ZBW, NY TRACON, FRG ATCT, AMGR**

FLIGHT CHECKED BY		
NAME: **JON DAVID SCHEIFER**	FIFO **FIOG**	DATE: **08/31/2012**

DEVELOPED BY		
NAME: **KELLY DEAN**	FIFO **AJV-352**	DATE: **11/03/2011**

APPROVED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

1. REMOVED VISIBILITY REDUCTION BY HELICOPTERS NA NOTE.
2. CHANGED CNF NAME FROM KNDBP TO CFVTQ.

REASONS:

1. 34:1 PENETRATION DOES NOT LIE WITHIN CAT A/B VISUAL SURFACE AREA - WAIVER SUBMITTED.
2. QA REQUEST.

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NOTES, (CONT.):
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 310.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ISLIP ALTIMETER SETTING: INCREASE S-ILS 14 ALL DA TO 314; INCREASE ALL MDA 40 FEET AND CIRCLING CATS C/D VISIBILITY 1/4 MILE; INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 14 ALL CATS; FOR INOPERATIVE MALSR, INCREASE S-LOC 14 CATS A/B VISIBILITY TO 1.

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☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC PACKET - 424-18 - ILS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DPK   K6011770VDLA N40473036W073181324    N40473036W073181324W0120001171     NARDEER PARK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CFVTQ K60    W     N40480099W073310094                      W0134     NAR           CNF(CFVTQ)
        SUSAEAENRT   FRIKK K60    R     N40463545W073285676                      W0134     NAR           FRIKK LOM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6AFRG     0     068YHN40434360W073244830W014000080         1800018000C    MNAR    REPUBLIC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6FI14   ADPK   010DPK  K6D 0V       IF                                                18000                  0 NS
        SUSAP KFRGK6FI14   ADPK   020FRIKKK6EA0EY      TF                                          + 01900                          0 NS
        SUSAP KFRGK6FI14   ADPK   030FRIKKK6EA0EE AR   HF IFRGK6      326300491462T010PI  + 01600                          0 NS
        SUSAP KFRGK6FI14   I      010CFVTQK6EA0E  I    IF IFRGK6      32630071        PI  J 016000140018000                0 NS
        SUSAP KFRGK6FI14   I      020FRIKKK6EA0E  F    CF IFRGK6      3263004914600021PI  H 0140001376        -300FR    K6PN0 NS
        SUSAP KFRGK6FI14   I      030RW14 K6PG0GY M    CF IFRGK6      3262001114600039PI    00137             -300          0 NS
        SUSAP KFRGK6FI14   I      040         0  M     CA                      1462        + 00800                          0 NS
        SUSAP KFRGK6FI14   I      050DPK  K6D 0VY      DF                                  + 03000                          0 NS
        SUSAP KFRGK6FI14   I      060DPK  K6D 0VE  L   HM                      2000T010    + 03000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6GRW14    0068331462 N40440019W073251175-0200    -0007500077067660150IIFRG1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6IIFRG1   011190RW14 N40431632W0732408231462N40435477W0732457730448 11680600300W01406000075

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6SFR   K6PN                0   0551450282514505502125                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 80 THRE: 77	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FARMINGDALE, NY	AIRPORT NAME: REPUBLIC	I-FRG	ILS OR LOC RWY 14, AMDT 8B	AMDT: 8A
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKFRGK6 FR    K6004070HOLW N40463550W073285670                     W0140           NARFRIKK
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CITY AND STATE	ELEVATION: 80 THRE: 77	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FARMINGDALE, NY	AIRPORT NAME: REPUBLIC	I-FRG	ILS OR LOC RWY 14, AMDT 8B	AMDT: 8A
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DPK	DPK	010		IF		FB					
	DPK	FRIKK	020		TF		FO				AA 01900	
	DPK	FRIKK	030	IAF	HF	R	FO		146.2()	T01.0	AA 01600	
		CFVTQ	010	FACF	IF		FB				AA 01600 GI 01400	
		FRIKK	020	FAF	CF		FB		146.0()	002.1	GI 01400 GS 01376	
		RW14	030	MAP	CF		FO		146.0()	003.9	AT 00137	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		146.2()		AA 00800	
	DPK	050		DF		FO				AA 03000	
	DPK	060		HM	L	FO		200.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DPK	N404730.36	W0731813.24	N4047.506	W07318.221
	CFVTQ	N404800.99	W0733100.94	N4048.017	W07331.016
	FRIKK	N404635.45	W0732856.76	N4046.591	W07328.946
	RW14	N404400.19	W0732511.75	N4044.003	W07325.196
	IFRG (LOC)	N404316.32	W0732408.23	N4043.272	W07324.137
	FR	N404635.50	W0732856.70	N4046.592	W07328.945

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00077	60

QUALITY CHECKED

CITY AND STATE	ELEVATION: 80 THRE: 77	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FARMINGDALE, NY	AIRPORT NAME: REPUBLIC	I-FRG	ILS OR LOC RWY 14, AMDT 8B	AMDT: 8A
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DPK   K6011770VDLA N40473036W073181324    N40473036W073181324W0120001171     NARDEER PARK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CFVTQ K60    W     N40480099W073310094                      W0134     NAR           CNF(CFVTQ)
        SUSAEAENRT   FRIKK K60    R     N40463545W073285676                      W0134     NAR           FRIKK LOM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6AFRG     0     068YHN40434360W073244830W014000080         1800018000C    MNAR    REPUBLIC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6FL14   ADPK   010DPK  K6D 0V       IF                                                18000                 0 NS
        SUSAP KFRGK6FL14   ADPK   020FRIKKK6EA0EY      TF                                          + 01900                         0 NS
        SUSAP KFRGK6FL14   ADPK   030FRIKKK6EA0EE AR   HF IFRGK6      326300491462T010PI  + 01600                         0 NS
        SUSAP KFRGK6FL14   L      010CFVTQK6EA0E  I    IF IFRGK6      32630071        PI  + 01600     18000                 0 NS
        SUSAP KFRGK6FL14   L      020FRIKKK6EA0E  F    CF IFRGK6      3263004914600021PI  + 01400                 FR    K6PN0 NS
        SUSAP KFRGK6FL14   L      030RW14 K6PG0GY M    CF IFRGK6      3262001114600039PI    00137             -310          0 NS
        SUSAP KFRGK6FL14   L      040         0  M     CA                      1462        + 00800                         0 NS
        SUSAP KFRGK6FL14   L      050DPK  K6D 0VY      DF                                  + 03000                         0 NS
        SUSAP KFRGK6FL14   L      060DPK  K6D 0VE  L   HM                      2000T010    + 03000                         0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6GRW14    0068331462 N40440019W073251175-0200    -0007500077067660150IIFRG1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6IIFRG1   011190RW14 N40431632W0732408231462N40435477W0732457730448 11680600300W01406000075

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRGK6SFR   K6PN                0   0551450282514505502125                                                          M
```

CITY AND STATE	ELEVATION: 80 THRE: 77	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FARMINGDALE, NY	AIRPORT NAME: REPUBLIC	I-FRG	ILS OR LOC RWY 14, AMDT 8B	AMDT: 8A
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKFRGK6 FR    K6004070HOLW N40463550W073285670                    W0140          NARFRIKK
```

CITY AND STATE	ELEVATION: 80 THRE: 77	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FARMINGDALE, NY	AIRPORT NAME: REPUBLIC	I-FRG	ILS OR LOC RWY 14, AMDT 8B	AMDT: 8A
				DATED: 08/25/2011

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☐ YES ☐ NO		

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FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DPK	DPK	010		IF		FB					
	DPK	FRIKK	020		TF		FO				AA 01900	
	DPK	FRIKK	030	IAF	HF	R	FO		146.2()	T01.0	AA 01600	
		CFVTQ	010	FACF	IF		FB				AA 01600	
		FRIKK	020	FAF	CF		FB		146.0()	002.1	AA 01400	
		RW14	030	MAP	CF		FO		146.0()	003.9	AT 00137	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		146.2()		AA 00800	
	DPK	050		DF		FO				AA 03000	
	DPK	060		HM	L	FO		200.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DPK	N404730.36	W0731813.24	N4047.506	W07318.221
	CFVTQ	N404800.99	W0733100.94	N4048.017	W07331.016
	FRIKK	N404635.45	W0732856.76	N4046.591	W07328.946
	RW14	N404400.19	W0732511.75	N4044.003	W07325.196
	IFRG (LOC)	N404316.32	W0732408.23	N4043.272	W07324.137
	FR	N404635.50	W0732856.70	N4046.592	W07328.945

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00077	60

CITY AND STATE	ELEVATION: 80 THRE: 77	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FARMINGDALE, NY	AIRPORT NAME: REPUBLIC	I-FRG	ILS OR LOC RWY 14, AMDT 8B	AMDT: 8A
				DATED: 08/25/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	DPK VOR/DME	FRIKK LOM	1. AAO	404856.60N/0732542.00W	599 (2C)	1000		1600
			2. TERRAIN	404856.60N/0732542.00W	399 (400)		AS1500	1900
FINAL: ILS	GS INTCP	RW14				ASC		277/200
FINAL: LOC	FRIKK LOM	3.85 MILES AFTER FRIKK LOM	3. TANK (36-001514)	404451.00N/0732647.00W	297 (2A)	250		560
2. HOLD-IN-LIEU-OF-PT	FRIKK LOM	P-4	1. AAO	404854.00N/0732545.00W	599 (2C)	1000		1600
			2. TERRAIN	404854.00N/0732545.00W	399 (400)		AS1000	1400
3. MISSED APPROACH — MAP:	DA / 3.85 MILES AFTER FRIKK LOM	DPK VOR/DME				ASC		3000
			4. TOWER (36-000350)	404659.08N/0732201.78W	561 (1D)	1000		1600
ELEV:	107/310		5. TERRAIN	404651.00N/0732312.00W	286 (300)		AS1500	1800
6. TANK (36-001495)				404511.00N/0732512.00W	235 (1A)	300	SI	560
3. TANK (36-001514)				404451.00N/0732647.00W	297 (2A)	300		600
3. TANK (36-001514)				404451.00N/0732647.00W	297 (2A)	300	XP123	720
7. TOWER (36-002147)				404247.00N/0732204.00W	361 (5D)	300	AC50	720

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL	
CATEGORY A	1.3 NM	350	480	
CATEGORY B	1.5 NM	450	520	
CATEGORY C	1.7 NM	450	640	
CATEGORY D	2.3 NM	550	640	
CATEGORY E	4.5 NM	550		

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: FR LOM

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
235-325	BLDG (36-000206)	280/ 23.0	1505 (1C)	2800					
325-235	AAO	006/ 28.4	1086 (4E)	2100					

CITY AND STATE	ELEVATION: 80 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FARMINGDALE, NY	REPUBLIC	I-FRG	ILS OR LOC RWY 14, AMDT 8B	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
NY TRACON FRG TOWER		N W S	OTHER: ASOS	SOURCE: KFRG / KISP
		F A A		DISTANCE: 0 / 14.83
		A / C		HOURS REMOTE OPERATION: 0 / 24
SATISFACTORY ON: X V H F X U H F H F	LOCATION: KFRG			ADJUSTMENT: 0 / 37

4. MONITOR STATUS	PRIMARY NAVAID: I-FRG		
	MONITOR POINT: FRG ATCT		
	HRS OPTN:	CAT 1	TOWER OPEN
		CAT 3	TOWER CLOSED

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 14 (PCL)
	X	HIRL 14 (PCL), 32 (PCL)
	X	MIRL 01 (PCL), 19 (PCL)
	X	REIL 01 (PCL), 19 (PCL), 32 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4R 01 (PCL) PAPI-2L 19 (PCL) PAPI-4L 14 (PCL), 32 (PCL)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 14
	INSTRUMENT	NPI-G 01, 19, 32
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 77.4
	DISTANCE FROM RWY: 1168	ELEV GP ANTENNA: 75.9
		THRESHOLD CROSSING HEIGHT: 59.7

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: 1

ORDER 8260.19E, PARAGRAPH 8-54I(3); REQUEST NOT TO UTILIZE THE NOTE "VISIBILITY REDUCTION BY HELICOPTERS NA." TO ALLOW REDUCED VISIBILITY APPLICATION BY HELICOPTERS THAT ARE ABLE TO REMAIN WITHIN THE CAT A PROTECTED AREAS OF THE PROCEDURE DUE TO THEIR MANEUVERING CAPABILITIES.

PART D - PREPARED BY: KELLY DEAN	DATE: 11/03/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

THRESHOLD DISPLACED 676.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARA 289 APPLIED TO 379 AAO
404648.90N/0732825.70W.
2. KFRG ASOS ON SERVICE A. KISP ASOS ON SERVICE A.
3. KISP 24-HR BACK-UP. ADJUSTMENT: 36.72 FEET.
6. VGSI DATA: 3.00/50.0.

WAIVER: FAAO 8260.19D PARA 8-54I(3) REQUEST NOT TO UTILIZE THE NOTE "VISIBILITY REDUCTION BY HELICOPTERS NA." TO ALLOW REDUCED VISIBILITY APPLICATION BY HELICOPTERS THAT ARE ABLE TO REMAIN WITHIN THE CAT A PROTECTED AREAS OF THE PROCEDURE DUE TO THEIR MANEUVERING CAPABILITIES.

NO ADDITIONAL AIRSPACE REQUIRED.

100 FT TREE HEIGHT PER EASTERN FPO.

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
(EASTERN FPO NOTIFIED 3/7/11)
RWY 14, 34:1 PENETRATIONS (CATS C/D ONLY):
142 TREE (KFRG0055) 404411.27N/0732537.41W (3.65)
103 POLE (KFRG0044) 404403.57N/0732525.36W (1.92)
103 POLE (36-021621) 404403.57N/0732525.36W (1.92)
RWY 1, UNLIT 20:1 PENETRATIONS:
107 POLE (36-021592) 404307.60N/0732451.31W (1.13)
99 POLE (36-021595) 404309.79N/0732450.25W (4.15)
99 POLE (36-021644) 404310.84N/0732453.89W (9.66)
107 POLE (KFRG0006) 404307.60N/0732451.31W (1.13)
99 POLE (KFRG0011) 404309.79N/0732450.25W (4.15)
99 POLE (KFRGL011) 404310.84N/0732453.89W (9.66)
RWY 19, 20:1 PENETRATIONS: (BOTH ARE EQUIPPED WITH OBSTRUCTION LIGHTS-NO NIGHT RESTRICTIONS REQUIRED)
123 STACK (36-001496) 404415.00N/0732449.00W (4.95)
139 BLDG (36-001497) 404419.00N/0732455.00W (0.39)
RWY 32, UNLIT 20:1 PENETRATION:
112 TREE (KFRGL069) 404311.57N/0732402.72W (4.95)

RASS (PRESSURE PATTERNS ARE THE SAME):
KFRG 80.0, KISP 98.6
RA = 36.72
RASS ROUNDED UP TO 37 FEET FOR ALL DA AND 40 FEET FOR ALL MDA AND PUBLISHED AS A NOTE.

MSA SECTOR 235-325 ALTITUDE ADJUSTED BY 295 FEET TO RETAIN PUBLISHED 2800 MSL SECTOR ALTITUDE.

XP123 - RETAIN PUBLISHED 720 MSL CAT C CIRCLING MDA

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 3000
1. AAO 404856.60N/0732542.00W 599 (2C) 1000 1600
2. TERRAIN 404856.60N/0732542.00W 399 (400) AS1500
1900

QUALITY & CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFVTQ **STATE:** NY **COUNTRY:** US

LATITUDE/LONGITUDE: 404800.99N/0733100.94W **TYPE:** CNF

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 14			KFRG	FARMINGDALE	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 11/15/2012

DEVELOPED BY: **DATE:** 06/26/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY: NEW YORK APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: KNDBP **STATE:** NY **COUNTRY:** US

LATITUDE/LONGITUDE: 404800.99N/0733100.94W **TYPE:** CNF

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 14			KFRG	FARMINGDALE	NY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 08/25/2011

DEVELOPED BY: **DATE:** 06/26/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZNY
ATC FACILITY: N90
OTHER:

CANCELLED Concurrent w/ ILS or Loc Rwy 14, Amdt 8B
BY K. Dean
DATE

US Department of Transportation
Federal Aviation Administration

FLIGHT PROCEDURES STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY

CONTROL NO:

1. Flight Procedure Identification:

FARMINGDALE, NY (KFRG)
REPUBLIC AIRPORT
ILS OR LOC RWY 14

2. Waiver Required and Applicable Standard:

FAAO 8260.19E PARA 8-54I(3) - WHEN ORDER 8260.3 VOLUME 1, PARAGRAPHS 3.3.2D AND 3.3.3D, REQUIRES VISIBILITY TO BE LIMITED TO 3/4 MILE BECAUSE OF 34:1 VISUAL SURFACE PENETRATIONS, A NOTE IS REQUIRED TO PREVENT HELICOPTERS FROM APPLYING 14 CFR PART 97.3 ALLOWING HELICOPTERS TO REDUCE VISIBILITY TO 1/2 OF THE PUBLISHED VISIBILITY MINIMUM FOR CATEGORY A AIRCRAFT; "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM (OR RVR 4000 AS APPROPRIATE) NOT AUTHORIZED"

3. Reason for Waiver *(Justification for nonstandard treatment)*:

REQUEST TO NOT UTILIZE THE NOTE "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM (OR RVR 4000 AS APPROPRIATE) NOT AUTHORIZED" TO ALLOW HELICOPTERS TO APPLY THE PROVISIONS OF TITLE 14 CFT PART 97.3 THAT PERMITS A REDUCTION IN VISIBILITY WHEN USING FIXED WING AIRCRAFT CAT A MINIMA.

4. Equivalent Level of Safety Provided:

OBSTACLE IS OUTSIDE OF THE ORDER 8260.3B, PARA 3.3.2C(1)(B) CAT A/B FIXED WING VISUAL ASSESSMENT AREA THAT WOULD APPLY TO HELICOPTERS AS REFERENCED IN PARA 1108.

RWY 14 HAS A FLIGHT CHECK VERIFIED PAPI 14 WHICH WOULD FACILITATE NIGHT OPERATIONS.

RWY 14 HAS A MALSR APPROACH LIGHT SYSTEM.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

NA

6. Coordination With User Organizations *(Specify)*:

AJV-351:_____
AJV-352:_____

7. SUBMITTED BY

DATE:	Office Identification:	Title:	Signature:
	AJV-35	**GREGORY YAMAMOTO** **MANAGER, TERMINAL PROCEDURES** **PUBLICATION GROUP**	

FAA FORM 8260 - 1 / July 2003 (computer generated)

8. CONTINUATION
Comments:

9. AFS ACTION		
		Approved
		Disapproved
		Not Required

Comments:		
Date:	Routing Symbol:	Signature: