

RADIO FIX AND HOLDING DATA RECORD

NAME: CLAPT

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 412220.63N/0814332.22W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC PAT

AIRPORT IDENT CITY

STATE

IAP	RNAV (RNP) Z RWY 24L			KCLE	CLEVELAND	OH (US)
IAP	RNAV (RNP) Z RWY 24R			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROLLN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROLLN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROLLN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROLLN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)
STAR	ROLLN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 01/19/2018

OFFICE: AJV-5422

NAME: PETER GUIMOND

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Apr 09, 2018

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CLE APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DAHOO

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413018.29N/0815253.14W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC PAT

AIRPORT IDENT CITY

STATE

IAP	RNAV (RNP) Z RWY 24L			KCLE	CLEVELAND	OH (US)
IAP	RNAV (RNP) Z RWY 24R			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 01/19/2018

OFFICE: AJV-5422

NAME: PETER GUIMOND

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

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ROBERT G HAMILTON

Apr 09, 2018

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CLE APP CON
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DEAHD

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401054.17N/0832649.43W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC PAT

AIRPORT IDENT CITY

STATE

STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 12/21/2017

OFFICE: AJV-5431

NAME: MICHAEL CURRAN

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

Digitally signed by

DONALD H LANIER

Mar 26, 2018

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY:
OTHER:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DEVOH

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410303.73N/0822103.41W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC PAT

AIRPORT IDENT CITY

STATE

STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 12/21/2017

OFFICE: AJV-5431

NAME: MICHAEL CURRAN

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

Digitally signed by

DONALD H LANIER

Mar 26, 2018

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZOB

ATC FACILITY: CLE APP CON

OTHER:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DRUGA STATE: OH COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 394116.70N/0835948.61W TYPE: WP, INT, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	CINCINNATI	CVG	VORTAC	L	043.00	039.00	52.00	52.00	18000	27000
2	ROSEWOOD	ROD	VORTAC	H	181.59	176.59		36.03	18000	27000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
CVG	VORTAC	R-043	52	18000	27000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CINCINNATI (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ZABER	1, 2		KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ZABER	1, 2		KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ZABER	1, 2		KCLE	CLEVELAND	OH (US)
STAR	ZABER	1, 2		K1G1	ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ZABER	1, 2		KLPR	LORAIN/ELYRIA	OH (US)
STAR	ZABER	1, 2		K1G5	MEDINA	OH (US)
STAR	ZABER	1, 2		K7G8	MIDDLEFIELD	OH (US)
STAR	ZABER	1, 2		K2G1	PAINESVILLE	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)
STAR	ZABER	1, 2		KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

ADDED WP TO FIX TYPE.
FIX USE: ADDED BRWNZ RNAV STAR AT CLE, BKL, CGF, LPR, LNN.

DEVELOPED BY: DATE: 12/21/2017 OFFICE: AJV-5431 NAME: MICHAEL CURRAN

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: PATRICK MULQUEEN

SIGNATURE: *Digitally signed by*
DONALD H LANIER

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY:
OTHER:
Mar 26, 2018

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GNDAY

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411931.94N/0814835.92W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR ROKNN (RNAV)
STAR ROKNN (RNAV)
STAR ROKNN (RNAV)
STAR ROKNN (RNAV)
STAR ROKNN (RNAV)

KBKL CLEVELAND
KCGF CLEVELAND
KCLE CLEVELAND
KLPR LORAIN/ELYRIA
KLNN WILLOUGHBY

OH (US)
OH (US)
OH (US)
OH (US)
OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/21/2017

OFFICE: AJV-5431

NAME: MICHAEL CURRAN

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

Digitally signed by

DONALD H LANIER

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CLE APP CON
OTHER:

Mar 26, 2018

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HEADZ

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 402910.99N/0830355.31W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC PAT

AIRPORT IDENT CITY

STATE

STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/21/2017

OFFICE: AJV-5431

NAME: MICHAEL CURRAN

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

Digitally signed by
DONALD H LANIER

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: ZOB
OTHER:

Mar 26, 2018

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KINCS

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 410608.29N/0821723.91W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC PAT

AIRPORT IDENT CITY

STATE

STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/21/2017

OFFICE: AJV-5431

NAME: MICHAEL CURRAN

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OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

Digitally signed by

DONALD H LANIER

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZOB

ATC FACILITY: CLE APP CON

OTHER:

Mar 26, 2018

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KWENE

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411330.51N/0820853.51W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	CLEVELAND	I-LIZ	LOC/DME		237.94	229.94	18.07	18.08		6000	7000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-LIZ	LOC/DME	BRG-238	19	6000	7000

REMARKS:

I-LIZ DME COORDINATES: 412511.94N/0815035.68W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 6L	1		KCLE	CLEVELAND	OH (US)
IAP	ILS RWY 6L (CAT II & III)	1		KCLE	CLEVELAND	OH (US)
IAP	RNAV (GPS) Y RWY 6L			KCLE	CLEVELAND	OH (US)
IAP	RNAV (RNP) Z RWY 6L			KCLE	CLEVELAND	OH (US)
STAR	ROCKN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROCKN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROCKN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROCKN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/21/2017

OFFICE: AJV-5422

NAME: PETER GUIMOND

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Apr 09, 2018

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CLE APP CON
OTHER:

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MICKJ

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411305.78N/0820746.97W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC PAT

AIRPORT IDENT CITY

STATE

STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

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OFFICE: AJV-5431

NAME: MICHAEL CURRAN

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

Digitally signed by
DONALD H LANIER

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CLE APP CON
OTHER:

Mar 26, 2018

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ROKNN STATE: OH COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 405552.34N/0823014.16W 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 ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	SW		WP	231.66	051.66	R	10	10000 45000	15 30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (39-001751)	404550.21N/0823703.64W	1853	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 - 10 NM LEG LENGTH REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ROKNN (RNAV)		1	KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)		1	KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)		1	KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)		1	KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)		1	KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/21/2017 OFFICE: AJV-5431 NAME: MICHAEL CURRAN

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: PATRICK MULQUEEN

SIGNATURE: *Digitally signed by*

DONALD H LANIER

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZOB
 ATC FACILITY: ZID, CLE APP CON
 OTHER:

Mar 26, 2018

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RUHSH STATE: OH COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 411335.22N/0820820.78W TYPE: WP, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	CLEVELAND	I-CLE	LOC/DME		237.94	229.94	17.86	17.83		6000	7000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-CLE	LOC/DME	BRG-238	18	6000	7000

REMARKS:

I-CLE DME COORDINATES: 412504.06N/0815011.10W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 6R	1		KCLE	CLEVELAND	OH (US)
IAP	ILS RWY 6R (SA CAT II)	1		KCLE	CLEVELAND	OH (US)
IAP	RNAV (GPS) Y RWY 6R			KCLE	CLEVELAND	OH (US)
IAP	RNAV (RNP) Z RWY 6R			KCLE	CLEVELAND	OH (US)
STAR	ROCKN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROCKN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROCKN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROCKN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROCKN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/21/2017 OFFICE: AJV-5422 NAME: PETER GUIMOND

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Apr 09, 2018

DISTRIBUTION:

NFDC
 FPO: CEN
 ARTCC: ZOB
 ATC FACILITY: CLE APP CON
 OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: SEPLN

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411730.33N/0820155.89W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC PAT

AIRPORT IDENT CITY

STATE

STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/21/2017

OFFICE: AJV-5431

NAME: MICHAEL CURRAN

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE: Digitally signed by

DONALD H LANIER

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CLE APP CON
OTHER:

Mar 26, 2018

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SWEEE

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411842.74N/0814035.88W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR	ROKNN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROLLN (RNAV)			KBKL	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROLLN (RNAV)			KCGF	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROLLN (RNAV)			KCLE	CLEVELAND	OH (US)
STAR	ROKNN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROLLN (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
STAR	ROKNN (RNAV)			KLNN	WILLOUGHBY	OH (US)
STAR	ROLLN (RNAV)			KLNN	WILLOUGHBY	OH (US)

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NFDC

FPO: CEN

ARTCC: ZOB

ATC FACILITY: CLE APP CON

OTHER:

Mar 26, 2018

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TALKN

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 400604.49N/0841833.13W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR ROKNN (RNAV)
STAR ROKNN (RNAV)
STAR ROKNN (RNAV)
STAR ROKNN (RNAV)
STAR ROKNN (RNAV)

KBKL CLEVELAND
KCGF CLEVELAND
KCLE CLEVELAND
KLPR LORAIN/ELYRIA
KLNN WILLOUGHBY

OH (US)
OH (US)
OH (US)
OH (US)
OH (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/21/2017

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DONALD H LANIER

Mar 26, 2018

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