

RADIO FIX AND HOLDING DATA RECORD

NAME: AXXIS **STATE:** **COUNTRY:** CA **ICAO REGION CODE:** CY

LATITUDE/LONGITUDE: 424950.11N/0815900.17W **TYPE:** WP, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LONDON	YXU	VOR/DME	H	259.60	251.60	38.82	38.82		3400	45000

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

REMARKS:

CHANGES TO THIS FIX MUST BE COORDINATED WITH NAVCANADA, AERONAUTICAL INFORMATION MANAGEMENT (AIM), AIMDATA@NAVCANADA.CA

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q830	1				(CA)
STAR	GIGGY (RNAV)			CYQG	ONTARIO, CANADA	(CA)
STAR	GOHMA	1		CYQG	ONTARIO, CANADA	(CA)
STAR	GOHMA	1		KARB	ANN ARBOR	MI (US)
STAR	OKLND (RNAV)			KARB	ANN ARBOR	MI (US)
STAR	GIGGY (RNAV)			KDET	DETROIT	MI (US)
STAR	GOHMA	1		KDET	DETROIT	MI (US)
STAR	GOHMA	1		KYIP	DETROIT	MI (US)
STAR	OKLND (RNAV)			KYIP	DETROIT	MI (US)
STAR	GIGGY (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
STAR	OKLND (RNAV)			KOZW	HOWELL	MI (US)
STAR	SWWAN	1		KOZW	HOWELL	MI (US)
STAR	GIGGY (RNAV)			KTTF	MONROE	MI (US)
STAR	SWWAN	1		KY47	NEW HUDSON	MI (US)
STAR	GOHMA	1		K1D2	PLYMOUTH	MI (US)
STAR	OKLND (RNAV)			KPTK	PONTIAC	MI (US)
STAR	SWWAN	1		KPTK	PONTIAC	MI (US)
STAR	OKLND (RNAV)			KVLL	TROY	MI (US)
STAR	SWWAN	1		KVLL	TROY	MI (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

FIX TYPE: ADDED WP.
FIX USE: CORRECTED V410-414 TO Q830.
FIX USE: ADDED GIGGY AND OKLND(RNAV) STARS.
REQUIRED CHARTING: REMOVED ENROUTE LOW.

DEVELOPED BY: **DATE:** 12/01/2017 **OFFICE:** AJV-5442 **NAME:** JEFF ANDERSON

APPROVED BY: **DATE:** **OFFICE:** **NAME:** MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZOB, ZYZ
ATC FACILITY: MTC APP CON, DETROIT APP CON
OTHER:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BOREK

STATE:

COUNTRY: CA

ICAO REGION CODE: CY

LATITUDE/LONGITUDE: 425615.00N/0795651.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

REMARKS:

CHANGES TO THIS FIX MUST BE COORDINATED WITH NAVCANADA, AERONAUTICAL INFORMATION MANAGEMENT (AIM),
AIMDATA@NAVCANADA.CA

FIX USE:

USE TYPE

EN ROUTE

STAR

STAR

STAR

STAR

STAR

STAR

STAR

STAR

STAR

USE TITLE

Q830

GIGGY (RNAV)

OKLND (RNAV)

GIGGY (RNAV)

OKLND (RNAV)

GIGGY (RNAV)

OKLND (RNAV)

GIGGY (RNAV)

OKLND (RNAV)

OKLND (RNAV)

FAC

PAT

AIRPORT IDENT CITY

CYQG

KARB

KDET

KYIP

KONZ

KOZW

KTTF

KPTK

KVLL

ONTARIO, CANADA

ANN ARBOR

DETROIT

DETROIT

DETROIT/GROSSE ILE

HOWELL

MONROE

PONTIAC

TROY

STATE

(CA)

(CA)

MI (US)

MI (US)

MI (US)

MI (US)

MI (US)

MI (US)

MI (US)

MI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 12/01/2017

OFFICE: AJV-5442

NAME: JEFF ANDERSON

APPROVED BY:

DATE:

OFFICE: AJV-5440

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZYZ

ATC FACILITY: DETROIT APP CON

OTHER: ZOB

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: COLTS

STATE:

COUNTRY: CA

ICAO REGION CODE: CY

LATITUDE/LONGITUDE: 425749.61N/0791915.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHANGES TO THIS FIX MUST BE COORDINATED WITH NAVCANADA, AERONAUTICAL INFORMATION MANAGEMENT (AIM).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q830					(CA)
STAR	GIGGY (RNAV)			CYQG	ONTARIO, CANADA	(CA)
STAR	OKLND (RNAV)			KARB	ANN ARBOR	MI (US)
STAR	GIGGY (RNAV)			KDET	DETROIT	MI (US)
STAR	OKLND (RNAV)			KYIP	DETROIT	MI (US)
STAR	GIGGY (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
STAR	OKLND (RNAV)			KOZW	HOWELL	MI (US)
STAR	GIGGY (RNAV)			KTTF	MONROE	MI (US)
STAR	OKLND (RNAV)			KPTK	PONTIAC	MI (US)
STAR	OKLND (RNAV)			KVLL	TROY	MI (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/24/2018

REASON FOR REVISION:

FIX USE: ADDED Q830 AND RNAV STAR GIGGY AT DET, TTF, ONZ, CYQG AND RNAV STAR OKLND AT ARB, OZW, PTK, VLL, YIP.

ADDED ENROUTE HIGH AND STAR TO REQUIRED CHARTING.

ADDED REMARK: CHANGES TO THIS FIX MUST BE COORDINATED WITH NAVCANADA, AERONAUTICAL INFORMATION MANAGEMENT (AIM).

DEVELOPED BY:

DATE: 12/18/2017

OFFICE: AJV-5431

NAME: MICHAEL CURRAN

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZYZ
ATC FACILITY: ZOB, ZCN
OTHER:

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ITPEG

STATE:

COUNTRY: CA

ICAO REGION CODE: CY

LATITUDE/LONGITUDE: 425338.00N/0805139.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

REMARKS:

CHANGES TO THIS FIX MUST BE COORDINATED WITH NAVCANADA, AERONAUTICAL INFORMATION MANAGEMENT (AIM),
AIMDATA@NAVCANADA.CA

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	GIGGY (RNAV)			CYQG	ONTARIO, CANADA	(CA)
STAR	OKLND (RNAV)			KARB	ANN ARBOR	MI (US)
STAR	GIGGY (RNAV)			KDET	DETROIT	MI (US)
STAR	OKLND (RNAV)			KYIP	DETROIT	MI (US)
STAR	GIGGY (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
STAR	OKLND (RNAV)			KOZW	HOWELL	MI (US)
STAR	GIGGY (RNAV)			KTTF	MONROE	MI (US)
STAR	OKLND (RNAV)			KPTK	PONTIAC	MI (US)
STAR	OKLND (RNAV)			KVLL	TROY	MI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/01/2017

OFFICE: AJV-5442

NAME: JEFF ANDERSON

APPROVED BY: DATE:

OFFICE: AJV-5440

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZYZ
ATC FACILITY: DETROIT APP CON
OTHER: ZOB

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LOPVO

STATE:

COUNTRY: CA

ICAO REGION CODE: CY

LATITUDE/LONGITUDE: 425501.00N/0802402.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

REMARKS:

CHANGES TO THIS FIX MUST BE COORDINATED WITH NAVCANADA, AERONAUTICAL INFORMATION MANAGEMENT (AIM),
AIMDATA@NAVCANADA.CA

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q830					(CA)
STAR	GIGGY (RNAV)			CYQG	ONTARIO, CANADA	(CA)
STAR	OKLND (RNAV)			KARB	ANN ARBOR	MI (US)
STAR	GIGGY (RNAV)			KDET	DETROIT	MI (US)
STAR	OKLND (RNAV)			KYIP	DETROIT	MI (US)
STAR	GIGGY (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
STAR	OKLND (RNAV)			KOZW	HOWELL	MI (US)
STAR	GIGGY (RNAV)			KTTF	MONROE	MI (US)
STAR	OKLND (RNAV)			KPTK	PONTIAC	MI (US)
STAR	OKLND (RNAV)			KVLL	TROY	MI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/01/2017

OFFICE: AJV-5442

NAME: JEFF ANDERSON

APPROVED BY: DATE:

OFFICE: AJV-5440

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZYZ
ATC FACILITY: DETROIT APP CON
OTHER: ZOB

QUALITY
14
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PICUP

STATE:

COUNTRY: CA

ICAO REGION CODE: CY

LATITUDE/LONGITUDE: 425123.14N/0815014.14W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

REMARKS:

CHANGES TO THIS FIX MUST BE COORDINATED WITH NAVCANADA, AERONAUTICAL INFORMATION MANAGEMENT (AIM),
AIMDATA@NAVCANADA.CA

FIX USE:

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

STAR	GIGGY (RNAV)			CYQG	ONTARIO, CANADA	(CA)
STAR	OKLND (RNAV)			KARB	ANN ARBOR	MI (US)
STAR	GIGGY (RNAV)			KDET	DETROIT	MI (US)
STAR	OKLND (RNAV)			KYIP	DETROIT	MI (US)
STAR	GIGGY (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
STAR	OKLND (RNAV)			KOZW	HOWELL	MI (US)
STAR	GIGGY (RNAV)			KTTF	MONROE	MI (US)
STAR	OKLND (RNAV)			KPTK	PONTIAC	MI (US)
STAR	OKLND (RNAV)			KVLL	TROY	MI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/01/2017

OFFICE: AJV-5442

NAME: JEFF ANDERSON

APPROVED BY: DATE:

OFFICE: AJV-5440

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZYZ
ATC FACILITY: DETROIT APP CON
OTHER: ZOB

QUALITY
14
CHECKED