



May 14, 2019

#1906-07

Exclusions Report For the L61 Navigation Database

Forward to the Chief Pilot

IMPORTANT NOTICE: *This report is for supplemental use only and is not intended to be used in lieu of preflighting the navigation database in the FMS. Procedures removed by government sources and data suppliers will not be included in this report. It is the operator's responsibility to determine that the database content meets his intended purpose. This can, ultimately, only be accomplished with the highest level of assurance by reviewing the flight-planned route in the FMS prior to flight.*

SUBJECT: Records/procedures removed by Collins Aerospace during the processing of the FMS navigation database for the dates listed below.

FOR NAVIGATION DATABASES EFFECTIVE: CYCLE 1905 EFF: 25 Apr 19 to 22 May 19 and 1906 EFF: 23 May 19 to 19 Jun 19

This information only applies to operators using the Collins Aerospace L61 navigation database.

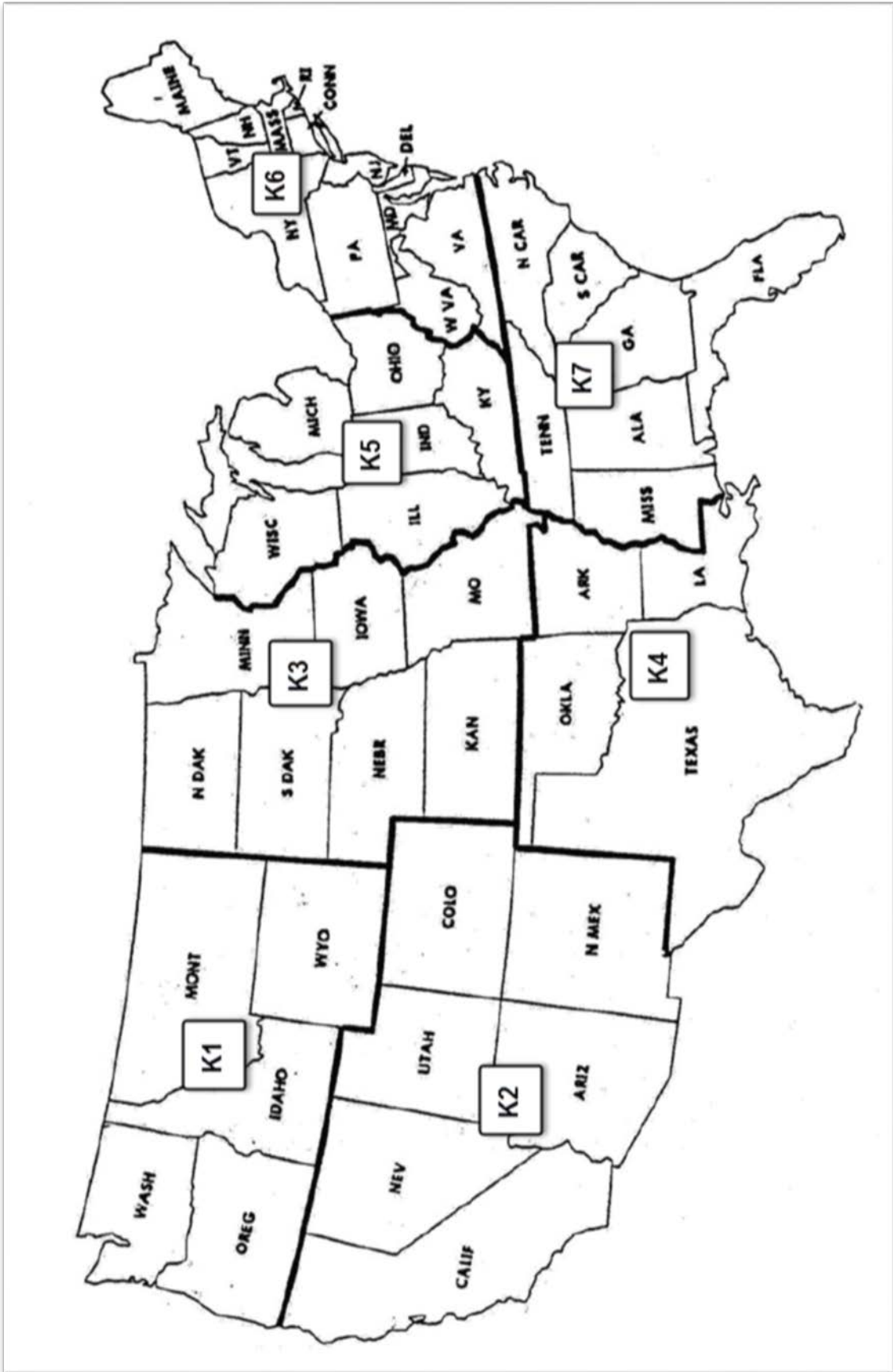
NOTE: This document does not list procedures that were deleted by Lufthansa or the original data source.

**To search this document for a specific airport you are interested in, open the find toolbar by pressing 'Ctrl-F' and typing in the ICAO Identifier followed by the enter key. **

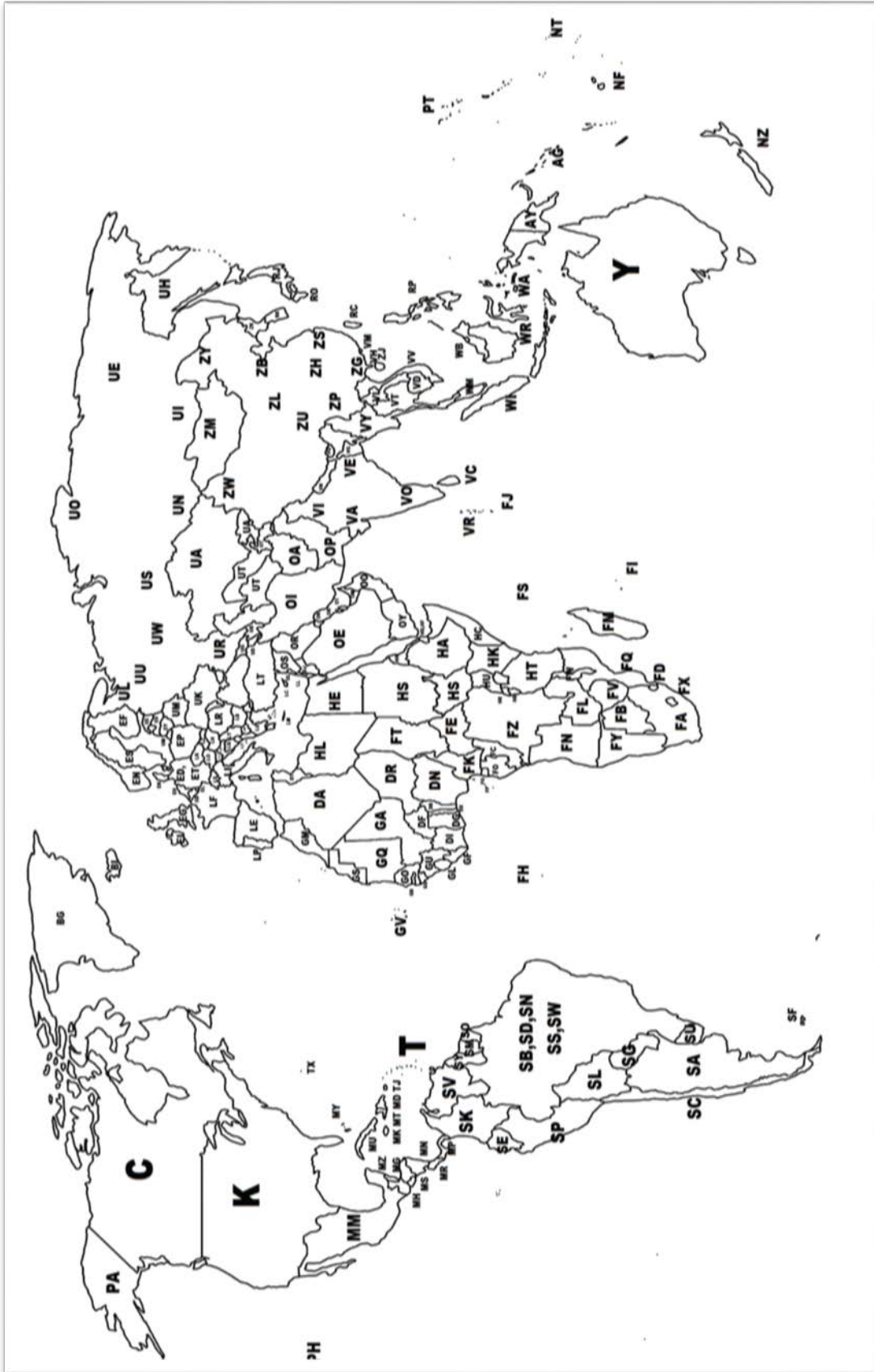
Approaches Legend and Regional Information

Approach Identifier Legend	
Approach Prefix Identifier	Approach Type
A	Approach Transition
B	Localizer/Backcourse Approach
D	VOR DME Approach
I	Instrument Landing System (ILS)
L	Localizer Only (LOC) Approach
N	Non-Directional Beacon (NDB) Approach
P	Global Positioning System (GPS) Approach
Q	Non-Directional Beacon + DME (NDB+DME) Approach
R	Area Navigation (RNAV) Approach
S	VOR Approach using VORDME/VORTAC
T	Tacan Approach
U	Simplified Directional Facility (SDF) Approach
V	VOR Approach
X	Localizer Directional Aid (LDA) Approach
Circling Approach Identifiers	Approach Type
CNDM	NDB/DME-Circling Approach
CNDB	NDB-Circling Approach
NDBX (where 'X' could be 'A', 'B', 'C', etc.)	NDB-Circling Approach
GPSX (where 'X' could be 'A', 'B', 'C', etc.)	GPS-Circling Approach
VORX (where 'X' could be 'A', 'B', 'C', etc.)	VOR-Circling Approach
VDMX (where 'X' could be 'A', 'B', 'C', etc.)	VOR DME-Circling Approach
RNVX (where 'X' could be 'A', 'B', 'C', etc.)	RNAV-Circling Approach
Other Approach Identifiers and Examples	Approach Type
L32R	Localizer Rwy 32R
RNVB	RNAV (GPS) - B
VDMA	VOR DME - A
VORA	VOR - A
X29	LDA DME Rwy 29
R31CZ	RNAV (GPS) Z Rwy 31C
I23-Z	ILS Z Rwy 23
R10R	RNAV (GPS) Rwy 10R
D31-Y	VOR DME Y Rwy 31
N31	NDB Rwy 31
P08	GPS Rwy 8
GPSC	GPS-C
Q32R	NDB DME Rwy 32R

ICAO REGION CODE



ICAO REGION CODE



ICAO REGION CODES AND COUNTRY

AG	Solomon Islands
AN	Nauru Islands
AY	Papua New Guinea
BG	Greenland
BI	Iceland
CY	Canada
DA	Algeria
DB	Benin
DF	Burkina Faso
DG	Ghana
DI	Ivory Coast
DN	Nigeria
DR	Niger
DT	Tunisia
DX	Togo
EB	Belgium
ED	Germany - Civil
EE	Estonia
EF	Finland
EG	United Kingdom
EH	Netherlands
EI	Ireland
EK	Denmark
EL	Luxembourg
EN	Norway
EP	Poland
ES	Sweden
ET	Germany - Military
EV	Latvia
EY	Lithuania
FA	South Africa
FB	Botswana
FC	Congo
FD	Swaziland
FE	Republic of Central Africa
FG	Equatorial Guinea
FH	Ascension Islands
FI	Mauritius
FJ	Diego Garcia
FK	Cameroon
FL	Zambia
FM	Madagascar

FN	Angola
FO	Gabon
FP	Sao Tome
FQ	Mozambique
FS	Seychelles
FT	Chad
FV	Zimbabwe
FW	Malawi
FX	Lesotho
FY	Namibia
FZ	Democratic Republic of Congo
GA	Mali
GB	Gambia
GC	Canary Islands
GE	Melilla
GF	Sierra Leone
GG	Guinea Bissau
GL	Liberia
GM	Morocco
GO	Senegal
GQ	Mauritania
GU	Guinea
GV	Cape Verde
HA	Ethiopia
HB	Burundi
HD	Djibouti
HE	Egypt
HH	Eritrea
HK	Kenya
HL	Libya
HR	Rwanda
HS	Sudan
HT	Tanzania
HU	Uganda
K	United States
LA	Albania
LB	Bulgaria
LC	Cyprus
LD	Croatia
LE	Spain
LF	France
LG	Greece

LH	Hungary
LI	Italy
LJ	Slovenia
LK	Czech Republic
LL	Israel
LM	Malta
LO	Austria
LP	Portugal
LQ	Bosnia and Herzegovina
LR	Romania
LS	Switzerland
LT	Turkey
LU	Moldova
LW	Macedonia
LX	Gibraltar
LY	Serbia
LZ	Slovakia
MB	Turks and Caicos Islands
MD	Dominican Republic
MG	Guatemala
MH	Honduras
MK	Jamaica
MM	Mexico
MN	Nicaragua
MP	Panama
MR	Costa Rica
MS	El Salvador
MT	Haiti
MU	Cuba
MW	Cayman Islands
MY	Bahamas
MZ	Belize
NC	Cook Islands
NF	Fiji
NG	Kiribati Islands
NI	Niue Islands
NL	Wallis Islands
NS	American Samoa
NT	Tahiti
NV	Vanuatu
NW	Noumea
NZ	New Zealand
OA	Afghanistan

L61 Navigation Database Exclusions Cycle 1906

OB	Bahrain
OE	Saudi Arabia
OI	Iran
OJ	Jordan
OK	Kuwait
OL	Lebanon
OM	United Arab Emirates
OO	Oman
OP	Pakistan
OR	Iraq
OS	Syria
OT	Qatar
OY	Yemen
PA	Alaska
PG	Guam
PH	Hawaii
PJ	Johnston Islands
PK	Marshall Islands
PL	Line Islands
PM	Midway Islands
PT	Micronesia
PW	Wake Islands
RC	Taiwan
RJ	Japan
RK	Korea
RO	Okinawa Islands
RP	Philippines
SA	Argentina
SB	Brazil
SC	Chile
SE	Equador
SG	Paraguay
SK	Colombia
SL	Bolivia
SM	Surinam
SO	French Guyana
SP	Peru

SU	Uruguay
SV	Venezuela
SY	Guyana
TA	Antigua and Barbuda
TB	Barbados
TD	Dominica
TF	French Antilles
TG	Grenada
TI	U.S. Virgin Islands
TJ	Puerto Rico
TK	St. Kitts Islands
TL	St. Lucia
TN	Aruba / Netherlands Antilles
TQ	Anguilla
TT	Montserrat Islands
TU	Trinidad and Tobago
TV	U.K Virgin Islands
TX	Bermuda
UA	Kazakhstan and Kyrgyzstan
UB	Azerbaijan
UE	Russian Federation
UG	Armenia and Georgia
UH	Russian Federation
UI	Russian Federation
UK	Ukraine and Moldova
UL	Russian Federation
UM	Belarus, Latvia and Lithuania
UN	Russian Federation
UR	Russian Federation
US	Russian Federation
UT	Uzbekistan, Turkmenistan and Tadjikistan
UU	Russian Federation

UW	Russian Federation
VA	India - West
VC	Sri Lanka
VD	Cambodia
VE	India - East
VG	Bangladesh
VH	Hongkong
VI	India - North
VL	Laos
VM	Macau
VN	Nepal
VO	India - South
VR	Maldives
VT	Thailand
VV	Vietnam
VY	Myanmar
WA	Indonesia
WB	Brunei
WI	Indonesia
WM	Malaysia
WR	Indonesia - Bali
WS	Singapore
YB	Australia
YM	Australia
ZB	China
ZG	China
ZH	China
ZK	North Korea
ZL	China
ZM	Mongolia
ZP	China
ZS	China
ZU	China
ZW	China
ZY	China

The following information is not present in either the early or late cycle:

The following records were excluded:

VHF Nav aids

Area Nav aid
None

NDB Nav aids

Area Nav aid
None

En route Waypoints

Area Waypoint
None

En route Airways

Area Route
None

Airports

Ident Area Code
None

Gates

Ident Area Codes Gates
None

Terminal Waypoints

Ident Area Code Waypoint
ZWSH ZW X

SIDS

<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>
LFPB	LF	PV2M
LIPQ	LI	RIFE5G
LIPQ	LI	RIFE6B

<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>
LIPQ	LI	TIBR5G
LIPQ	LI	TIBR8B

SID Transitions

<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Transition</u>
EHWO	EH	WO1	RW25
EHWO	EH	WO3	RW07
EKVG	EK	LUVE2S	RW12
EKVG	EK	LUVE2T	RW12
EKVG	EK	MY2N	RW30
EKVG	EK	MY2P	RW30
EKVG	EK	MY2S	RW12
EKVG	EK	MY2T	RW12
EKVG	EK	MY2W	RW12
EKVG	EK	ODEV2N	RW30
EKVG	EK	ODEV2P	RW30
EKVG	EK	ODEV2W	RW12
EKVG	EK	RAKU2N	RW30
EKVG	EK	RAKU2P	RW30
EKVG	EK	RAKU2S	RW12
EKVG	EK	RAKU2T	RW12
EKVG	EK	RAKU2W	RW12

<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Transition</u>
ENKR	EN	OMNI1E	RW06
ENKR	EN	OMNI1F	RW24
FACT	FA	IMSO1C	RW19
FACT	FA	IMSO1D	RW01
FACT	FA	KODE1C	RW19
FACT	FA	KODE1D	RW01
FACT	FA	OKTE1D	RW19
FACT	FA	OKTE1E	RW16
FACT	FA	OKTE1F	RW01
FACT	FA	TETA1D	RW19
FACT	FA	TETA1E	RW16
FACT	FA	TETA1F	RW01
HECA	HE	CAIR1A	RW05C
HECA	HE	CAIR1A	RW05L
HECA	HE	CAIR1A	RW05R
HECA	HE	CAIR1B	RW05C
HECA	HE	CAIR1B	RW05L

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HECA	HE	CAIR1B	RW05R	OERY	OE	FOXTRO	AKRAM
HECA	HE	CAIR1C	RW05C	OERY	OE	FOXTRO	DURMA
HECA	HE	CAIR1C	RW05L	OERY	OE	FOXTRO	ESRAT
HECA	HE	CAIR1C	RW05R	OERY	OE	FOXTRO	GOBMO
HECA	HE	CAIR1D	RW23C	OERY	OE	FOXTRO	KITUB
HECA	HE	CAIR1D	RW23L	OERY	OE	FOXTRO	MIRAS
HECA	HE	CAIR1E	RW23C	OERY	OE	FOXTRO	SODIB
HECA	HE	CAIR1E	RW23L	OERY	OE	FOXTRO	SOKOP
LOWI	LO	MOGT1X	RW26	OERY	OE	FOXTRO	TAKTI
LOWI	LO	RTT3X	RW26	OERY	OE	FOXTRO	TORKI
NZKK	NZ	UKAP1B	RW33	OETF	OE	ALPHA1	RW07
NZKK	NZ	UKAP2A	RW15	OETF	OE	ALPHA1	RW17
NZSL	NZ	GORKI1	KAWAU	OETF	OE	ALPHA1	RW25
NZWN	NZ	POLA3R	RW34	OETF	OE	ALPHA1	RW35
NZWN	NZ	POLA3R	GOPLU	OETF	OE	ALPHA1	BOXID
NZWN	NZ	POLA3R	GULUT	OETF	OE	ALPHA1	GEVEM
NZWN	NZ	POLA3R	KABKA	OETF	OE	ALPHA1	MISAM
NZWN	NZ	POLA3R	KAMDO	OETF	OE	ALPHA1	TATRO
NZWN	NZ	POLA3R	KAMET	RJDU	RJ	OMUR1W	OLE
NZWN	NZ	POLA3R	NIMOS	RJFK	RJ	SOGIE3	HKC
NZWN	NZ	POLA3R	RUSIL	RJFK	RJ	SOGIE3	SAKUR
NZWN	NZ	POLA3R	SABDA	RJFN	RJ	NIPPO5	NHT
NZWN	NZ	POLA3R	TANEN	RJFU	RJ	WEST6	OLE
NZWN	NZ	POLA3R	VANDA	VCBI	VC	RADA1L	RW22
OEDF	OE	RADA1A	RW34L	VCBI	VC	RADA1R	RW22
OEDF	OE	RADA1B	RW34R	VCBI	VC	RADA1S	RW22
OEGS	OE	AS1A	RW15	VCBI	VC	RADA2L	RW04
OEGS	OE	AS1B	RW33	VCBI	VC	RADA2R	RW04
OEMA	OE	TANGO	RW35	VCBI	VC	RADA2S	RW04
OEMA	OE	TANGO	RW36	WAMM	WA	ALPO1A	RW18
OEMA	OE	ZULU	RW17	WAMM	WA	ALPO1B	RW36
OEMA	OE	ZULU	RW18	WAMM	WA	CATU1A	RW18
OEMA	OE	TANGO	ANTAP	WAMM	WA	CATU1B	RW36
OEMA	OE	TANGO	DEGEN	WAMM	WA	JULA1A	RW18
OEMA	OE	TANGO	KIVAP	WAMM	WA	JULA1B	RW36
OEMA	OE	TANGO	LONIM	WAMM	WA	LOKO1A	RW18
OEMA	OE	TANGO	LOVOB	WAMM	WA	LOKO1B	RW36
OEMA	OE	TANGO	METSU	WAMM	WA	PAND1A	RW18
OEMA	OE	TANGO	OBNEX	WAMM	WA	PAND1B	RW36
OEMA	OE	ZULU	ANTAP	WAMM	WA	SIGA1A	RW18
OEMA	OE	ZULU	DEGEN	WAMM	WA	SIGA1B	RW36
OEMA	OE	ZULU	KIVAP	WAMM	WA	SOPU1A	RW18
OEMA	OE	ZULU	LONIM	WAMM	WA	SOPU1B	RW36
OEMA	OE	ZULU	LOVOB	WBKL	WB	VLBR1	RW14
OEMA	OE	ZULU	METSU	WBKL	WB	VLBR1	RW32
OEMA	OE	ZULU	OBNEX				
OERY	OE	FOXTRO	RW19				

STARs

<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>
None								

STAR Transitions

<u>Ident</u>	<u>Area Code</u>	<u>STAR</u>	<u>Transition</u>	<u>Ident</u>	<u>Area Code</u>	<u>STAR</u>	<u>Transition</u>
WAMM	WA	ALPO1C	RW18	WAMM	WA	BOND1A	RW18
WAMM	WA	ALPO1D	RW36	WAMM	WA	BOND1B	RW36

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WAMM	WA	JULA1C	RW18	WAPP	WA	HERD1B	RW22
WAMM	WA	JULA1D	RW36	WAPP	WA	KALD1A	RW04
WAMM	WA	LOKO1C	RW18	WAPP	WA	KALD1B	RW22
WAMM	WA	LOKO1D	RW36	WAPP	WA	NONA1A	RW04
WAMM	WA	PAND1C	RW18	WAPP	WA	NONA1B	RW22
WAMM	WA	PAND1D	RW36	WAPP	WA	PUSR1A	RW04
WAMM	WA	SIGA1C	RW18	WAPP	WA	PUSR1B	RW22
WAMM	WA	SIGA1D	RW36	WAPP	WA	TOLE1A	RW04
WAMM	WA	SOPU1C	RW18	WAPP	WA	TOLE1B	RW22
WAMM	WA	SOPU1D	RW36	YSSY	YM	BORE9A	RW16L
WAPP	WA	HERD1A	RW04	YSSY	YM	BORE9A	RW16R

Approaches

<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>
FALA	FA	R25	UHSI	UH	I13-V			
UDYZ	UD	R27-Y	UHSI	UH	I31-W			

Approach Transitions

<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Transition</u>	<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Transition</u>
BGQQ	BG	N35	QQ	LFQQ	LF	L26-X	LL
DTMB	DT	L07	RINOS	LHKE	LH	I30	KET10
EFHA	EF	L26-Y	TEKVU	LIMP	LI	I20	SUXIL
ENBN	EN	R03-Z	ABRAK	LIMP	LI	L20	SUXIL
ENST	EN	L20	HDRT	LPFR	LP	R10	FR450
ESCF	ES	I01	LCF	PHJR	PH	N04R	HN
ESGJ	ES	L01	OJ	PMDY	PM	N06	IDOCA
FKKY	FK	R03	USTER	PMDY	PM	N24	IDOCA
GCLP	GC	I03LY	ENETA	PMDY	PM	R06	IDOCA
GCLP	GC	I03LY	LALTO	PMDY	PM	R24	IDOCA
LEAS	LE	I29-Z	VES	VTBS	VT	I19LY	BKK
LEAS	LE	L29-Z	VES	VTBS	VT	I19RY	BKK
FLFW	LF	I15	AR	VTBS	VT	I01LY	BKK
FLFW	LF	L15	AR	WIHH	WI	I24	AL
LFOA	LF	L24-Y	AVD	WIHH	WI	L24	AL
LFQQ	LF	I26-X	LL				

Runways

<u>Ident</u>	<u>Area Code</u>	<u>Runway</u>	<u>Ident</u>	<u>Area Code</u>	<u>Runway</u>	<u>Ident</u>	<u>Area Code</u>	<u>Runway</u>
None								

Glideslope/ Localizer

<u>Ident</u>	<u>Area Code</u>	<u>Localizer</u>
None		

Terminal NDBs

<u>Ident</u>	<u>Area Code</u>	<u>NDB</u>
None		

The following information is excluded in the Late Cycle but present in the Early Cycle

VHF Nav aids

<u>Area</u>	<u>Navaid</u>
None	

Enroute Airways

Ident Fix Procedure

None

Enroute Waypoint

Ident Area Code Waypoint

None

Terminal Waypoints

Ident Area Code Waypoint

None

STARs Transitions

Ident Area Code Procedure Transition

None

SIDs Transitions

Ident Area Code Procedure Transition

None

Approaches

Ident Procedure Transition

None

Localizer/Glideslope

Ident Area Code LOC

None

Runways

Ident Area Code Runway

None

The following information is excluded in the Early Cycle but present in the Late Cycle

Airports

Ident Area Code

None

Approaches

Ident Procedure

None

SIDs Transitions

Ident Area Code Procedure

None

The following LPV Only Approaches have been excluded

<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>
ENBL	EN	R25-Y
ENBO	EN	R07-X
LEPA	LE	R06L
LIEO	LI	R23-W
LIEO	LI	R23-X

The following Approaches have had their LPV Level of Service excluded

<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>	<u>Ident</u>	<u>Area Code</u>	<u>Procedure</u>
EBOS	EB	R08	EIDW	EI	R34	LFOE	LF	R04
EBOS	EB	R26	EKAH	EK	R10R	LFPB	LF	R27
EDAB	ED	R07	EKKA	EK	R09R	LFPT	LF	R05-Z
EDAB	ED	R25	EKKA	EK	R27L	LFPT	LF	R23
EDAZ	ED	R25	EKSB	EK	R14	LFQQ	LF	R26
EDBM	ED	R27	EKSB	EK	R32	LFSB	LF	R15
EDDM	ED	R08L	ENEV	EN	R17	LFSD	LF	R35
EDDM	ED	R08R	ENGM	EN	R19LZ	LFST	LF	R23
EDDM	ED	R26L	ENRY	EN	R12	LHBP	LH	R13L
EDDM	ED	R26R	ENRY	EN	R30	LHBP	LH	R13R
EDGS	ED	R13	ENTO	EN	R18	LHBP	LH	R31L
EDGS	ED	R31	ENTO	EN	R36	LHBP	LH	R31RZ
EDLN	ED	R13	EPKT	EP	R27	LIMC	LI	R35L
EDLN	ED	R31	EPLB	EP	R07	LIMC	LI	R35R
EDMA	ED	R25	LDPL	LD	R09	LIML	LI	R36
EDME	ED	R26	LDZD	LD	R13	LIMP	LI	R20
EDMO	ED	R22	LDZD	LD	R31	LIMZ	LI	R21
EDMS	ED	R27	LFBD	LF	R11	LIPZ	LI	R22L
EDNY	ED	R06	LFBE	LF	R27	LIPZ	LI	R22R
EDNY	ED	R24	LFBF	LF	R11	LIRF	LI	R07
EDQC	ED	R30	LFBI	LF	R03	LIRF	LI	R16R
EDQM	ED	R08	LFBI	LF	R21	LIRF	LI	R25
EDSB	ED	R03	LFBO	LF	R14L	LIRF	LI	R34C
EDSB	ED	R21	LFBO	LF	R14R	LIRF	LI	R34L
EDTM	ED	R25	LFBO	LF	R32L	LIRF	LI	R34R
EDTY	ED	R10	LFBO	LF	R32R	LOWG	LO	R35C
EDTY	ED	R28	LFBP	LF	R31	LRCL	LR	R07
EDWE	ED	R07-Z	LFBT	LF	R20	LSGG	LS	R04
EDWE	ED	R25-Z	LFKB	LF	R34	LSMD	LS	R29-W
EHEH	EH	R03	LFLP	LF	R04-Y	LSMD	LS	R29-X
EHEH	EH	R21	LFLP	LF	R04-Z	LSMD	LS	R29-Y
EIDW	EI	R10	LFLS	LF	R09	LSZG	LS	R24
EIDW	EI	R16	LFLX	LF	R03			
EIDW	EI	R28	LFMU	LF	R09			