

# Checking all approaches in a set of Airports

ARINC Decoder V.4.11 Air France version

Main Screen

Arinc2502 - Actual Cycle  
(20 févr 25 → 20 mars 25)

Stop

EUR Airport

Map D.O.F Fixes MTCA Procedure Design Co-Routes / Catalog ATC Route Queries Help File

Primary Code: S E U R P

Codage: ☒ Standard ☐ Tailored

Europa

Search: ☒ Airport ☐ Waypoints ☐ Holding Patterns ☐ Nav aids (VHF/NDB) ☐ PRD Zones ☐ FIR/UIR ☐ Airspaces ☐ Airways ☐ MORA's ☐ Preferred Routes

ICAO Code:

Arinc Zone: ☐ Canada ☐ USA ☐ Latin America ☐ South America ☒ Europa ☐ Africa ☐ North Pacific ☐ Russia Asia ☐ Middle East ☐ South Pacific ☐ All World !

Configuration

About

Load

Char # Value

Filter: ☒ Airport ☐ Runways ☐ ILS ☐ Markers ☐ GLS ☐ Com freq ☐ MSA ☐ Parkings ☐ Terminal Wpts ☐ SID's ☐ STAR's ☐ Approaches

ICAO IATA

Effectivity: 2502

Search

First we create a filter of all airports we want to check.

I will take in South America all airports where the longest runway is above 3000m...

(that's an example that will help us make the job to find this easily by making a query/export)

The longest runway data is available in the Airport record (PA)

ARINC Decoder V.4.11 Air France version

Main Screen **Arinc2502 - Actual Cycle**  
(20 févr 25 → 20 mars 25) Stop **SAM** Airport

Map D.O.F Fixes MTCA Procedure Design Co-Routes / Catalog ATC Route Queries Help File +

Primary Code  
S S A M P

Codage  
☒ Standard  
☐ Tailored

**South America**

Arinc Zone  
☐ Canada  
☐ USA  
☐ Latin America  
☒ **South America**  
☐ Europa  
☐ Africa  
☐ North Pacific  
☐ Russia Asia  
☐ Middle East  
☐ South Pacific  
☐ All World !

Search  
☒ **Airport**  
☐ Waypoints  
☐ Holding Patterns  
☐ Nav aids (VHF/NDB)  
☐ PRD Zones  
☐ FIR/UIR  
☐ Airspaces  
☐ Airways  
☐ MORAs  
☐ Preferred Routes

ICAO Code

Char #

Value

**Load**

Filter  
☒ Airport  
☐ Runways  
☐ ILS ☐ Markers ☐ GLS  
☐ Com freq ☐ SBAS Path Point  
☐ MSA ☐ Parkings  
☐ Terminal Wpts  
☐ SIDs  
☐ STARs  
☐ Approaches

Effectivity 2502

Search

ARINC Decoder V.4.11 Air France version

Main Screen **Arinc2502 - Actual Cycle**  
(20 févr 25 → 20 mars 25) Stop 102 736 datas **SAM** Airport

Map D.O.F Fixes MTCA Procedure Design Co-Routes / Catalog ATC Route Queries Help +

Import Export Save the list ☐ Of Selected Datas Un Select All Select All Reverse

Cl Select this List

EGYP - MPN - MOUNT PLEASANT
SAAC - COC - CONCORDIA/COMODORO JUAN JOSE P
SAAG - GHU - GUALEGUAYCHU
SAAI - - VERONICA/PUNTA INDIO
SAAJ - - JUNIN
SAAP - PRA - PARANA/GENERAL URQUIZA
SAAR - ROS - ROSARIO/ISLAS MALVINAS
SAAV - SEN - SANTA FE/SAUCE VIEJO
SABE - AEP - BUENOS AIRES/AEROPARQUE JORGE
SACA - - CORDOBA/AREA DE MATERIAL
SACC - LCM - LA CUMBRE
SACE - - CORDOBA/CAPITAN D. OMAR DARIO
SACO - COR - CORDOBA/ING AER. A.L.V.TARAVEL
SACT - - GOBERNADOR GORDILLO/CAMICAL
SADF - FDO - BUENOS AIRES/SAN FERNANDO
SADJ - - MARIANO MORENO
SADL - LPG - LA PLATA
SADM - - MORON
SADO - - CAMPO DE MAYO
SADP - EPA - BUENOS AIRES/EL PALOMAR

Group  
 Micro Station  
 Google Earth  
 ARINC Coding

Filter  
☒ Airport  
☐ Runways 3 798  
☐ ILS ☐ Markers ☐ GLS  
☐ Com freq 2 277 ☐ SBAS Path Point  
☐ MSA ☐ Parkings 3 729  
☐ Terminal Wpts 11 338  
☐ SIDs 2 438  
☐ STARs 1 526  
☐ Approaches 2 022

Effectivity 2502

9 504 results

Search

Char # 13 22 7 8 9 10 14 15 16

Value A

So...



Where we see for an airport (PA) that...





11	600922013								
	A	B	C	D	E	F	G	H	I
1	SSAMP	EGYP	SFAMPN	1	FL100	84	Y S51492168\	MOUNT PLEA	600922013
2	SSAMP	EGYP	SFAMPN	2	PSAVF	SAV	U8		600932304
3	SSAMP	EGYP	SFAMPN	3	T T C				600942304
4	SSAMP	SAAC	SAACOC	1	FL100	52	N S31174900	CONCORDIA	603772302
5	SSAMP	SAAC	SAACOC	2	PSAEF	SAE	U1		603782304
6	SSAMP	SAAC	SAACOC	3	T T T	Z1	711001900		603792304
7	SSAMP	SAAG	SAAGHU	1	FL100	43	Y S33002000\	GUALEGUAYC	603842307
8	SSAMP	SAAG	SAAGHU	2	PSAEF	SAE	U1		603852304
9	SSAMP	SAAG	SAAGHU	3	T T T	Z1	711001900		603862304
10	SSAMP	SAAI	SAA	1	FL100	69	N S35211200	VERONICA/P	604181108
11	SSAMP	SAAI	SAA	2	PSAEF	SAE	UN/A		604192304
12	SSAMP	SAAI	SAA	3	U T U	NKN	OWN		604202304
13	SSAMP	SAAJ	SAA	1	FL100	49	Y S34322800\	JUNIN	604211508
14	SSAMP	SAAJ	SAA	2	PSAEF	SAE	UN/A		604222304
15	SSAMP	SAAJ	SAA	3	U T U	NKN	OWN		604232304
16	SSAMP	SAAP	SAAPRA	1	FL100	68	Y S31474119\	PARANA/GEN	604272313
17	SSAMP	SAAP	SAAPRA	2	PSAEF	SAE	U5		604282304
18	SSAMP	SAAP	SAAPRA	3	T T T	Z0	110000100		604292304
19	SSAMP	SAAR	SAAROS	1	FL100	98	Y S32541300\	ROSARIO/ISL	605402307
20	SSAMP	SAAR	SAAROS	2	PSAEF	SAE	U7		605412412
21	SSAMP	SAAR	SAAROS	3	T T C				605422304
22	SSAMP	SAAV	SAASFN	1	FL100	76	Y S31423903\	SANTA FE/SA	610341902
23	SSAMP	SAAV	SAASFN	2	PSAEF	SAE	U6		610352402
24	SSAMP	SAAV	SAASFN	3	T T T	Z0	110000100		610362304
25	SSAMP	SABE	SAAAEP	1	FL100	77	Y S34333500\	BUENOS AIRI	610982307
26	SSAMP	SABE	SAAAEP	2	PSAEF	SAE	U7		610992312
27	SSAMP	SABE	SAAAEP	3	T T C				611002304
28	SSAMP	SACA	SAA	1	FL100	104	N S31260000	CORDOBA/AI	615171604
29	SSAMP	SACA	SAA	2	PSACF	SAC	UUNK		615182304
30	SSAMP	SACA	SAA	3	U T U	NKN	OWN		615192304
31	SSAMP	SACC	SAALCM	1	FL100	41	N S31000000	LA CUMBRE	615201108
32	SSAMP	SACC	SAALCM	2	PSACF	SAC	UN/A		615212304

By principle, one of two column is to keep, the other to remove...

In our case, the column B contain the continuous records, and only we need to keep the 1... so by filtering in Excel..

	A	B	C	D	E
1	EGYP	1	MOUNT PLEASANT		
2	SAAC	1	52 CONCORDIA/COMODORO JUAN JOSE P		
3	SAAG	1	43 GUALEGUAYCHU		
4	SAAI	1	69 VERONICA/PUNTA INDIO		
5	SAAJ	1	49 JUNIN		
6	SAAP	1	68 PARANA/GENERAL URQUIZA		
7	SAAR	1	98 ROSARIO/ISLAS MALVINAS		
8	SAAV	1	76 SANTA FE/SAUCE VIEJO		
9	SABE	1	77 BUENOS AIRES/AEROPARQUE JORGE		
10	SACA	1	104 CORDOBA/AREA DE MATERIAL		
11	SACC	1	41 LA CUMBRE		
12	SACE	1	56 CORDOBA/CAPITAN D. OMAR DARIO		
13	SACO	1	104 CORDOBA/ING AER. A.L.V.TARAVEL		
14	SACT	1	67 GOBERNADOR GORDILLO/CHAMICAL		
15	SADF	1	55 BUENOS AIRES/SAN FERNANDO		
16	SADJ	1	78 MARIANO MORENO		
17	SADL	1	46 LA PLATA		
18	SADM	1	75 MORON		
19	SADO	1	57 CAMPO DE MAYO		
20	SADP	1	69 BUENOS AIRES/EL PALOMAR		
21	SAEM	1	61 MIRAMAR		
22	SAEZ	1	108 BUENOS AIRES/EZEIZA INTL-MINIS		
23	SAFR	1	36 RAFAELA		
24	SAFS	1	65 SUNCHALES AERoclUB		
25	SAHC	1	49 CHOS MALAL		
26	SAHR	1	68 GENERAL ROCA/FUERTE GRAL ROCA		
27	SAHS	1	50 RINCON DE LOS SAUCES		
28	SAHZ	1	72 ZAPALA		
29	SAMA	1	49 GENERAL ALVEAR		
30	SAME	1	93 MENDOZA/EL PLUMERILLO		
31	SAMM	1	86 MALARGUE/COM. RICARDO SALOMON		
32	SAMQ	1	39 MENDOZA AEROPARQUE		
33	SAMP	1	68 SAN RAFAEL/S A SANTIAGO CERMAN		

In a same direction, it's easy to remove small airports where longest runway is below 3000m.

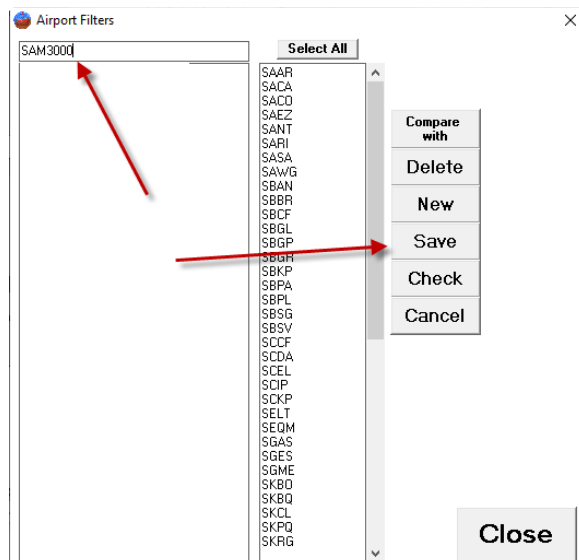
That's 9842 ft, so in cents it's 098...

Column C has to be filtered to keep only more than 098...

	A	B	C	D
1	EGYP			MOUNT PLEASANT
19	SAAR	1	98	ROSARIO/ISLAS MALVINAS
28	SACA	1	104	CORDOBA/AREA DE MATERIAL
37	SACO	1	104	CORDOBA/ING AER. A.L.V.TARAVEL
54	SAEZ	1	108	BUENOS AIRES/EZEIZA INTL-MINIS
21	SANT	1	114	TUCUMAN/TTE.BENJAMIN MATIENZO
63	SARI	1	108	CATARATAS DEL IGUAZU/M.D.C.EDU
78	SASA	1	98	SALTA/GRALDON MARTIN M DE GUE
53	SAWG	1	116	RIO GALLEGOS/PILOTO CIV.N.FERN
97	SBAN	1	108	ANAPOLIS/CAMPO MARECHAL MARCIO
33	SBBR	1	108	BRASILIA/PRESIDENTE JUSCELINO
57	SBCF	1	118	BELO HORIZONTE/TANCREDO NEVES
26	SBGL	1	131	RIO DE JANEIRO/GALEAO - ANTON
35	SBGP	1	98	GAVIAO PEIXOTO/EMBRAER
38	SBGR	1	121	SAO PAULO/GUARULHOS - GOV.A.F.
01	SBKP	1	106	CAMPINAS/VIRACOPOS INTL
42	SBPA	1	104	PORTO ALEGRE/SALGADO FILHO INT
63	SBPL	1	106	PETROLINA/SENADOR NILO COELHO
53	SBSG	1	98	NATAL-SAO GONCALO DO AMARANTE/
83	SBSV	1	98	SALVADOR/DEP L E MAGALHAES INT
378	SCCF	1	99	CALAMA/EL LOA
126	SCDA	1	109	IQUIQUE/DIEGO ARACENA INTL
180	SCEL	1	124	SANTIAGO/ARTURO MERINO BENITEZ
387	SCIP	1	108	ISLA DE PASCUA/MATAVERI
441	SCKP	1	104	PICA/COPOSA
222	SELT	1	119	LATACUNGA/ALTERNATIVO COTOPAXI
341	SEQM	1	134	QUITO/MARISCAL SUCRE INTL
567	SGAS	1	109	ASUNCION/LUQUE/SILVIO PETTIROS
591	SGES	1	111	MINGA GUAAZU/GUARANI INTL
709	SGME	1	114	MARISCAL ESTIGARRIBIA/PROF.DR.
506	SKBO	1	124	BOGOTA/EL DORADO INTL
509	SKBQ	1	98	BARRANQUILLA/ERNESTO CORTISOZ
533	SKCL	1	98	CALI/ALFONSO BONILLA ARAGON IN
304	SKPQ	1	99	PUERTO SALGAR/CT GERMAN OLANO

Copy Paste the A column.

And make a filter....



Now, all what was difficult is done, the rest is for the soft !

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Map D.O.F Fixes MTCA Procedure Design Co-Routes / Catalog ATC Route Queries Help File +

Primary Code  
S S A M P

Codage  
☒ Standard  
☐ Tailored

**South America**

Search  
☒ Airport  
☐ Waypoints  
☐ Holding Patterns  
☐ Nav aids (VHF/NDB)  
☐ PRD Zones  
☐ FIR/UIR  
☐ Airspaces  
☐ Airways  
☐ MORAs  
☐ Preferred Routes

ICAO Code

Map

Load

Arinc Zone  
☐ Canada  
☐ USA  
☐ Latin America  
☒ South America  
☐ Europa  
☐ Africa  
☐ North Pacific  
☐ Russia Asia  
☐ Middle East  
☐ South Pacific  
☐ All World !

Configuration

About

Char # 13 7 8 9 10 14 15 16

Value F

☒ Filter SAM3000 (61)

☐ Airport ☒ ICAO

☐ Runways

☐ ILS ☐ Markers ☐ GLS

☐ Com freq ☐ SBAS

☐ MSA ☐ Parkings

☐ Terminal Wpts

☐ SIDs

☐ STARs

☒ Approaches All

Type App  
All ☒ ILS ☐ GLS  
☐ G/S inop  
☐ VOR-DME  
☐ VOR-TAC  
☐ RNV-GPS  
☐ RNV-RNP  
☐ NDB ☐ LDA  
☐ NDB-DME  
☐ Back CRS

Effectivity 2502

8 743 results

Search

Select, all approaches in SAM with the filter selected, wait 10 seconds and...

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(20 févr 25 → 20 mars 25) Stop 102 736 datas **SAM** Airport

Map D.O.F Fixes MTCA Procedure Design Co-Routes / Catalog ATC Route Queries Help File +

Import Export Save the list ☐ Of Selected Data Un Select All Select All Reverse

Cls Select this List 529 datas Compare Display All Sort

SAAR - I20-X - ILS
SAAR - I20-Y - ILS
SAAR - I20-Z - ILS
SAAR - I20-X - Localizer (G/S inop)
SAAR - I20-Y - Localizer (G/S inop)
SAAR - R02 - RNAV
SAAR - R20 - RNAV
SAAR - V02-X - VOR
SAAR - V02-Y - VOR
SAAR - V02-Z - VOR
SAAR - V20-X - VOR
SAAR - V20-Y - VOR
SAAR - V20-Z - VOR
SACO - I19-X - ILS
SACO - I19-Y - ILS
SACO - I19-Z - ILS
SACO - I19-X - Localizer (G/S inop)
SACO - I19-Y - Localizer (G/S inop)
SACO - R01 - RNAV
SACO - R05 - RNAV

Group

ARINC Coding

Char # 13 7 8 9 10 14 15 16

Value F

☒ Filter SAM3000 (61)

☐ Airport ☒ ICAO

☐ Runways

☐ ILS ☐ Markers ☐ GLS

☐ Com freq ☐ SBAS

☐ MSA ☐ Parkings

☐ Terminal Wpts

☐ SIDs

☐ STARs

☒ Approaches All

Type App  
All ☒ ILS ☐ GLS  
☐ G/S inop  
☐ VOR-DME  
☐ VOR-TAC  
☐ RNV-GPS  
☐ RNV-RNP  
☐ NDB ☐ LDA  
☐ NDB-DME  
☐ Back CRS

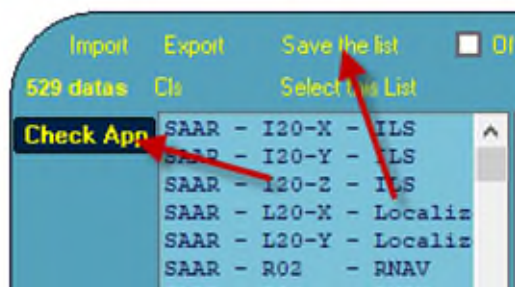
Effectivity 2502

8 743 results

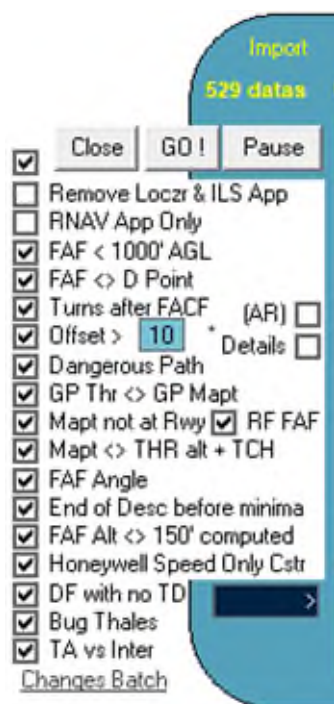
Search

Save the list and "Check App"





Here, you will be able to select or unselect what you want to check or not....



- Possibility to check all approaches except localizer ones.
- Only RNP and RNAV Approaches
- Put a trigger when FAF is below 1000' AGL
- Put a trigger when the FAF is not at the interception altitude.
- Put a trigger if the procedure is not direct after the IF (FACF)
- Trigger if offset more than a modifiable value in degrees from finale track and runway axis.
- Trigger if path angle more than 3.5°
- If the Mapt is not at the runway.
- In this case, the path from the FAF to Mapt has to be similar with the Mapt to the Thr. If not send a flag.
- Trigger if there's a RF leg (Radius to Fix) after the FAF
- Trigger if the altitude of the THR + TCH coded is not the Altitude coded at the mapt of the procedure at the THR.
- Put a trigger if the altitude at the FACF is above the altitude at the FAF and the path angle is not repeated after the FAF
- If the minima are known in the files, give a trigger if the mapt is reached before the minima. (Risk of missed approach started after the MAPT, not anymore on the MAP trajectory)
- Trigger if the computed altitude at the FAF is not the same than the coded FAF altitude (Some FMS here will ignore the altitude)

- Honeywell speed only constraint. Typical for old Honeywell FMS that ignore the Speed constraint if not coded with an altitude constraint.
- DF with no TD, will advise if a DF path terminator has no turn direction information where A424 indicate that this information is mandatory when angle is above 90°
- Trigger Thales BUG with last S7 / T5 FMS, “Too steep path”
- Trigger when an approach has a flat level (interception altitude) coded below the airport transition Altitude. (Risk of finale approach with altimeter setting stayed in STD)

Keeping all selected. Press the GO button and wait a while.

At the end...

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Main Screen **Arinc2502 - Actual Cycle**  
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Stop 102 736 datas **SAM** Airport

Map D.O.F Fixes MTCA Procedure Design Co-Routes / Catalog ATC Route Queries Help

Import Export Save the list ☐ Of Selected Data Un Select All Select All Reverse

629 datas Cls Select this List 629 datas Compare Display All Sort

Close [GO] Pause

☐ Remove Loczr & ILS App  
☐ RNAV App Only  
☒ FAF < 1000' AGL  
☒ FAF < D Point  
☒ Turns after FAF (AR)  
☒ Offset > 10 \* Details  
☒ Dangerous Path  
☒ GP Thr < GP Mapt  
☒ Mapt not at Rwy ☒ RF FAF  
☒ Mapt < THR alt + TCH  
☒ FAF Angle  
☒ End of Desc before minima  
☒ FAF Alt < 150' computed  
☒ Honeywell Speed Only Cstr  
☒ DF with no TD 878  
☒ Bug Thales  
☒ TA vs Inter  
☐ Changes Batch

SVMI - VDMB - VOR (C1)	SAAR - R20 - RNAV - No Path Angle at FAF
SVSO - D30 - VOR/DME	SAAR - R20 - RNAV - FAF<>D (3,1Nm)
SVSO - R30-Y - RNAV	SAAR - V02-X - VOR - Mapt not at RWY
SVSO - R30-Z - RNAV	SAAR - V02-Y - VOR - Mapt not at RWY
SVVA - D10 - VOR/DME	SAAR - V02-Z - VOR - Mapt not at RWY
SVVA - I10 - ILS	SAAR - V02-Z - VOR - FAF<>D (3,1Nm)
SVVA - R10-X - RNAV	SAAR - V20-X - VOR - Mapt not at RWY
SVVA - R10-Y - RNAV	SAAR - V20-Y - VOR - Mapt not at RWY
SVVA - R10-Z - RNAV	SAAR - V20-Z - VOR - Mapt not at RWY
SVVA - R28-Y - RNAV	SAAR - V20-Z - VOR - FAF<>D (3,1Nm)
SVVA - R28-Z - RNAV	SACO - I19-X - ILS - No Path Angle at FAF
SYCJ - I06-Y - ILS	SACO - I19-Y - ILS - No Path Angle at FAF
SYCJ - I06-Z - ILS	SACO - I19-Z - ILS - No Path Angle at FAF
SYCJ - L06-Y - Localizer	SACO - I19-Z - ILS - Speed Only Cstr Honeywell Missed App
SYCJ - L06-Z - Localizer	SACO - L19-X - Localizer (G/S inop) - No Path Angle at FAF
SYCJ - R06 - RNAV	SACO - L19-X - Localizer (G/S inop) - FAF<>D (3,5Nm)
SYCJ - R24 - RNAV	SACO - L19-Y - Localizer (G/S inop) - No Path Angle at FAF
SYCJ - V06-W - VOR	SACO - L19-Y - Localizer (G/S inop) - FAF<>D (3,5Nm)
SYCJ - V06-X - VOR	SACO - R01 - RNAV - Heading
SYCJ - V06-Y - VOR	SACO - R01 - RNAV - No Path Angle at FAF

Group

ARINC Coding

Approches

Airport SYCJ Procedure V06-Y Via / Transition TIM

Approach Transition VHF Navaid As Waypoint. Initial Approach Fix with Holding.

Rec Navaid

Theta / Rho / Mag course T/D Alt Speed Angle RNP UpDate

010 IF TIM +03000 1607

Char # 13 7 8 9 10 14 15 16

Value F

Filter SAM3000 (61)

☐ Airport  
☐ Runways  
☐ ILS  
☐ Com freq  
☐ MSA  
☐ Terminal Wpts  
☐ SIDs  
☐ STARs  
☒ Approaches

☐ GLS  
☐ G/S inop  
☐ VOR-DME  
☐ VOR TAC  
☐ RNV-GPS  
☐ RNV-RNP  
☐ NDB  
☐ NDB-DME  
☐ Back CRS

Type App All

Effectivity 2502

8 743 results

Search

“Export” button will create a text file with a list of all those issues:

824 SVMI - R10LZ - RNAV - FAF<>D (8,2Nm)  
825 SVMI - R10RY - RNAV - No Path Angle at FAF  
826 SVMI - R10RY - RNAV - FAF<>D (8,1Nm)  
827 SVMI - R10RZ - RNAV - No Path Angle at FAF  
828 SVMI - R10RZ - RNAV - FAF<>D (8,1Nm)  
829 SVMI - R28RY - RNAV - Mapt not at Rwy  
830 SVMI - R28RY - RNAV - Heading  
831 SVMI - R28RY - RNAV - No Path Angle at FAF  
832 SVMI - R28RY - RNAV - FAF<>D (5,1Nm)  
833 SVMI - R28RZ - RNAV - Mapt not at Rwy  
834 SVMI - R28RZ - RNAV - Heading  
835 SVMI - R28RZ - RNAV - No Path Angle at FAF  
836 SVMI - R28RZ - RNAV - FAF<>D (5,1Nm)  
837 SVMI - VDMB- VOR (Circle To Land) - Mapt not at Rwy  
838 SVMI - VDMB- VOR (Circle To Land) - No Path Angle at FAF  
839 SVMI - VDMB- VOR (Circle To Land) - FAF<>D (11,4Nm)  
840 SVSO - D30 - VOR/DME - Mapt not at Rwy  
841 SVSO - D30 - VOR/DME - Speed Only Cstr Honeywell Missed App  
842 SVSO - D30 - VOR/DME - Alt FAF  
843 SVSO - D30 - VOR/DME - FAF<>D (-2,9Nm)  
844 SVSO - R30-Y - RNAV - FAF<>D (4,7Nm)  
845 SVSO - R30-Z - RNAV - FAF<>D (4,7Nm)  
846 SVVA - D10 - VOR/DME - Mapt not at Rwy  
847 SVVA - D10 - VOR/DME - Speed Only Cstr Honeywell  
848 SVVA - R10-X - RNAV - Heading  
849 SVVA - R10-X - RNAV - Speed Only Cstr Honeywell Missed App  
850 SVVA - R10-X - RNAV - DF UGTIR w/o TD (angle:168°)  
851 SVVA - R10-Y - RNAV - Speed Only Cstr Honeywell Missed App  
852 SVVA - R10-Y - RNAV - FAF<>D (6,8Nm)  
853 SVVA - R10-Z - RNAV - Speed Only Cstr Honeywell Missed App  
854 SVVA - R10-Z - RNAV - FAF<>D (6,8Nm)  
855 SVVA - R28-Y - RNAV - Speed Only Cstr Honeywell Missed App  
856 SVVA - R28-Y - RNAV - FAF<>D (3,2Nm)  
857 SVVA - R28-Z - RNAV - Speed Only Cstr Honeywell Missed App  
858 SVVA - R28-Z - RNAV - FAF<>D (3,2Nm)  
859 SYCJ - I06-Y - ILS - No Path Angle at FAF  
860 SYCJ - I06-Y - ILS - Speed Only Cstr Honeywell Missed App