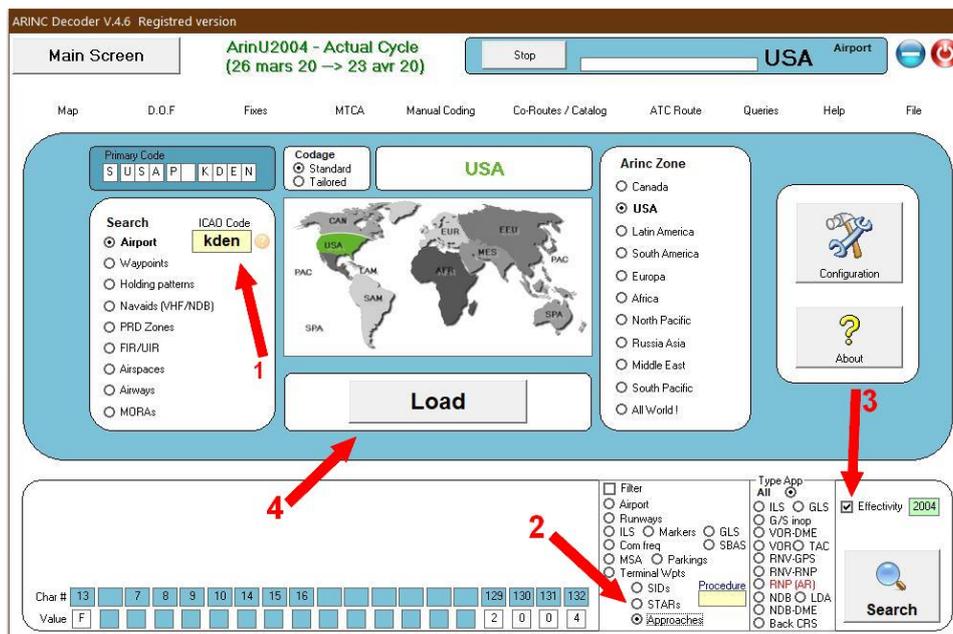


Checking the modifications in an airport, between 2 cycles, in the terminal procedures.

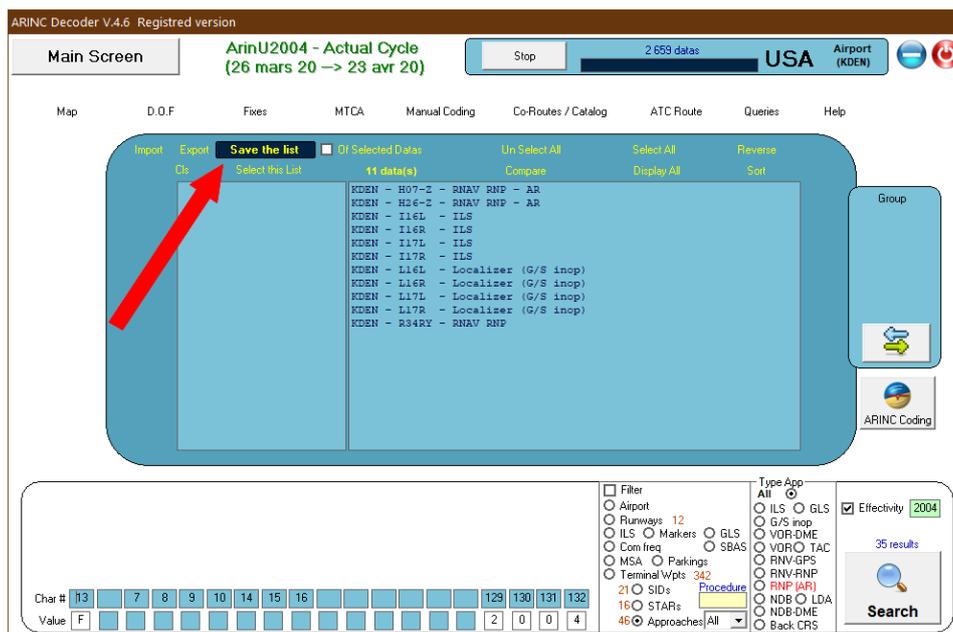
I want to check all the differences between cycle 2003 (27 Feb 2020) and 2004 (26 Mar 2020) for KDEN (Denver Intl)

First we see if there are some changes...

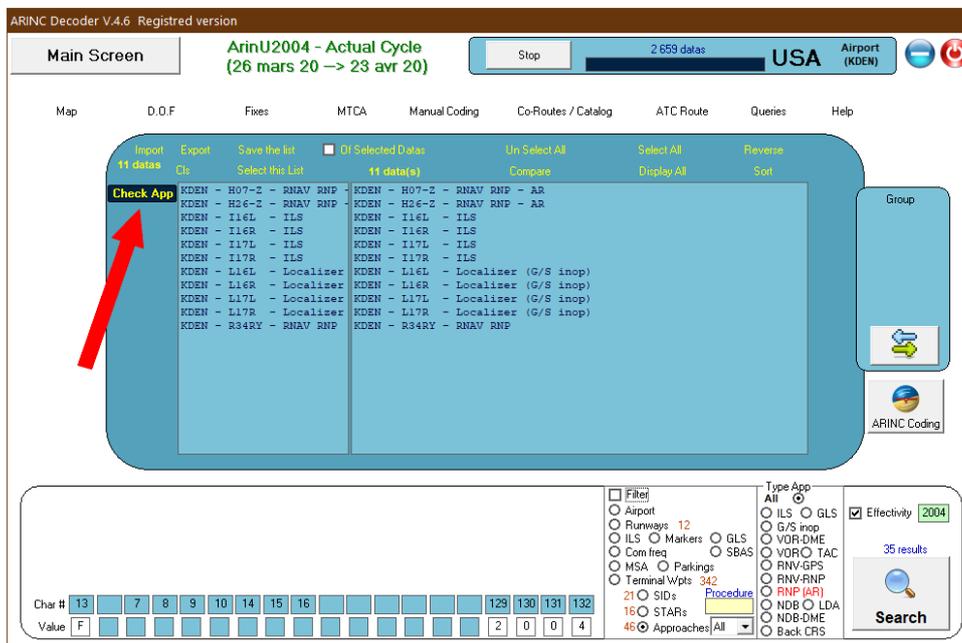
Opening in the (free) CIFP file KDEN in 2004: [\(how to download those files\)](#)



Few seconds after we see that 11 approaches (by the 46) have been modified. Let's push on "Save the list" to analyze the changes

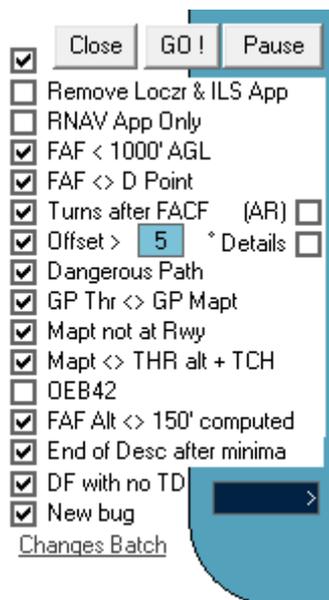


And then, "Check App"

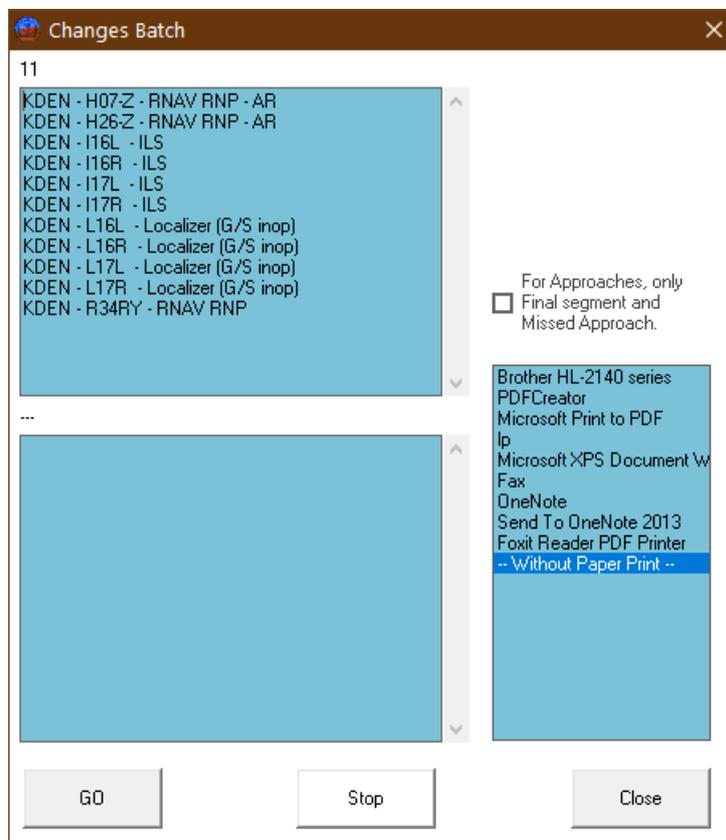


This label will be “Check STARS” or “Check SIDs” if the procedures in the list are STARS or SIDs.

You will be able to check many things in this module,

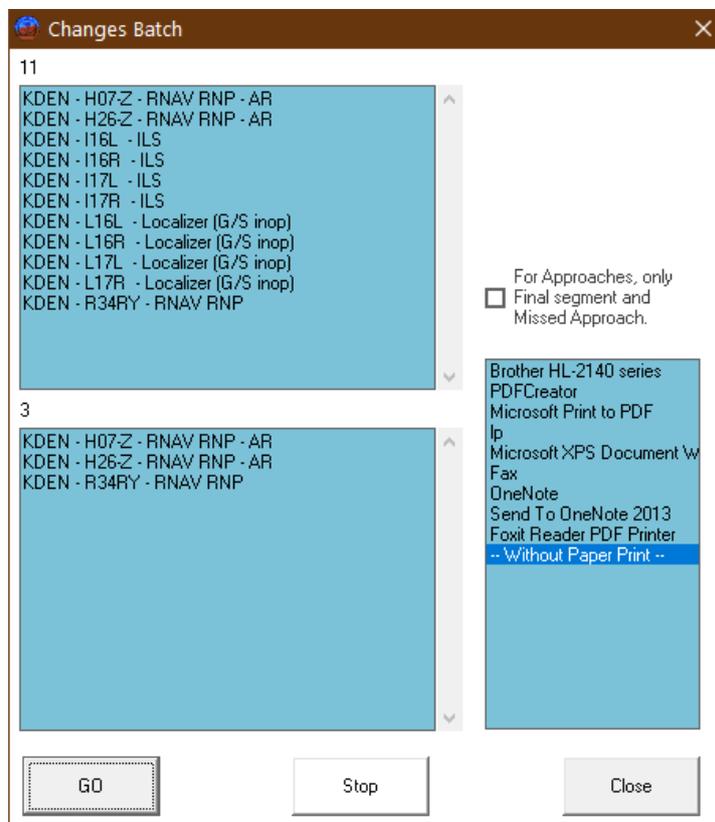


But in this tutorial, we only want to see what has really change in the new cycle, so push on the lowest line, “Changes Batch”



You will be able to choose a printer (or none) and to say if you want only to verify the changes in the last final segment or in any segment of the procedure (including the transitions [via]).

Press the GO button and few seconds after...



We see that only 3 real changes occurs... (OK I give some explanations...)

ILS 16L...

Approach - KDEN - I16L Denver Intl Mag Var : 08.0° E

Cycle : 2004

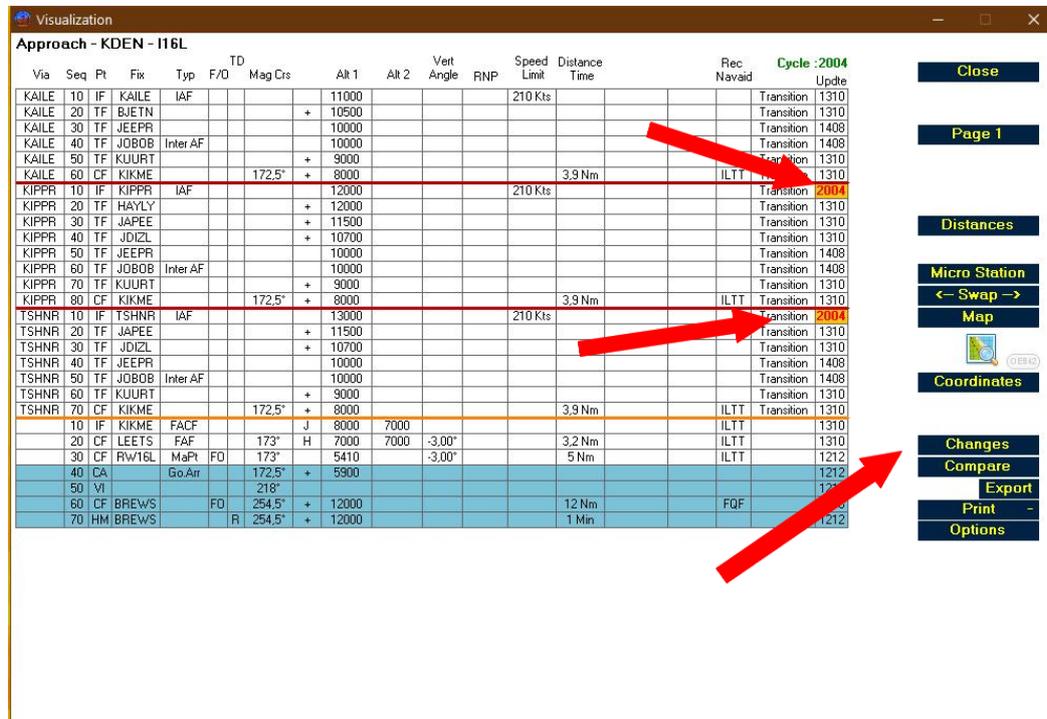
Via	Seq	Pt	Fix	Typ	F/D	TD	Mag	CrS	Alt 1	Alt 2	Vert	Angle	RNP	Speed	Distance	Time	Coordinates	Fix	Rec	Navaid	Update
KAILE	10	IF	KAILE	IAF					11000					210 Kts			N40.15.8 W104.46.1		Transition		1310
KAILE	20	TF	BJETN					+	10500								N40.14.5 W104.42.5		Transition		1310
KAILE	30	TF	JEEPR						10000								N40.12.4 W104.41.0		Transition		1408
KAILE	40	TF	JOBOB	InterAF					10000								N40.09.7 W104.41.0		Transition		1408
KAILE	50	TF	KUURT					+	9000								N40.05.8 W104.41.1		Transition		1310
KAILE	60	CF	KIKME				172.5°	+	8000						3.9 Nm		N40.02.0 W104.41.1	ILTT	Transition		1310
KIPPR	10	IF	KIPPR	IAF					12000					210 Kts			N40.21.0 W104.33.8		Transition		2004
KIPPR	20	TF	HAYLY					+	12000								N40.19.9 W104.39.7		Transition		1310
KIPPR	30	TF	JAPEE					+	11500								N40.17.3 W104.40.9		Transition		1310
KIPPR	40	TF	JDIZL					+	10700								N40.14.8 W104.41.0		Transition		1310
KIPPR	50	TF	JEEPR						10000								N40.12.4 W104.41.0		Transition		1408
KIPPR	60	TF	JOBOB	InterAF					10000								N40.09.7 W104.41.0		Transition		1408
KIPPR	70	TF	KUURT					+	9000								N40.05.8 W104.41.1		Transition		1310
KIPPR	80	CF	KIKME				172.5°	+	8000						3.9 Nm		N40.02.0 W104.41.1	ILTT	Transition		1310
TSHNR	10	IF	TSHNR	IAF					13000					210 Kts			N40.21.4 W104.44.9		Transition		2004
TSHNR	20	TF	JAPEE					+	11500								N40.17.3 W104.40.9		Transition		1310
TSHNR	30	TF	JDIZL					+	10700								N40.14.8 W104.41.0		Transition		1310
TSHNR	40	TF	JEEPR						10000								N40.12.4 W104.41.0		Transition		1408
TSHNR	50	TF	JOBOB	InterAF					10000								N40.09.7 W104.41.0		Transition		1408
TSHNR	60	TF	KUURT					+	9000								N40.05.8 W104.41.1		Transition		1310
TSHNR	70	CF	KIKME				172.5°	+	8000						3.9 Nm		N40.02.0 W104.41.1	ILTT	Transition		1310
	10	IF	KIKME	FACF				J	8000	7000							N40.02.0 W104.41.1	ILTT			1310
	20	CF	LEETS	FAF			173°	H	7000	7000		-3.00°			3.2 Nm		N39.58.8 W104.41.2	ILTT			1310
	30	CF	Rw16L	MaPt	FD		173°		5410			-3.00°			5 Nm		N39.53.8 W104.41.2	ILTT			1212
	40	CA		Go.Arr			172.5°	+	5900								N39.53.8 W104.41.2				1212
	50	VI					218°										N39.53.8 W104.41.2				1212
	60	CF	BREWS		FD		254.5°	+	12000						12 Nm		N39.39.3 W105.10.8	FQF			1408
	70	HM	BREWS		R		254.5°	+	12000						1 Min		N39.39.3 W105.10.8				1212

The IAFs KIPPR and TSHNR have been modified... (2004 in red at the right of the lines, indicates that this have been change in cycle 2004)

but how ?

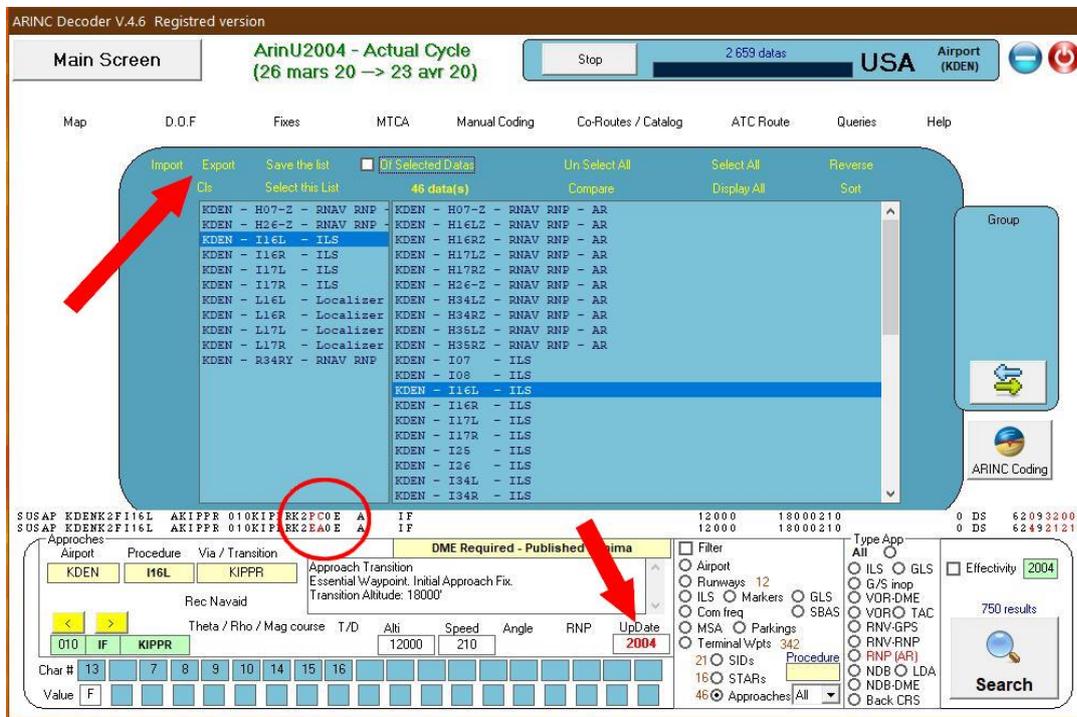
Clicking on the “changes” button we see that...

Nothing is highlighted but the update column...



From here you can consider that the change is cosmetic, let's see exactly...

In the main frame, on the line of one of those IAFs...



You click in the red "2004" and you see blinking the changes... (if you have also loaded the 2003 file, if not, a message will let you know)

The blinking windows shows nothing very obvious... you have to go further by clicking "Export"

And the 2 lines will be showed.

Where we can see that the waypoint was coded PC and is now EA (in the circle above) ... (it was terminal waypoint and is now Enroute waypoint... for the fly ability of the procedure that's peanuts.

But,

RNP (AR) 07-Z has many changes... and highlights are in the table...

Approach - KDEN - H07-Z (AR)

Via	Seq	Pt	Fix	Typ	F/O	Mag Crs	Alt 1	Alt 2	Vert Angle	RNP	Speed Limit	Distance Time	CTR	RF Leg	Rec Navaid	Cycle : 2004	Update
BBOOK	10	IF	BBOOK	Inter AF			11000				210 Kts					Transition	1310
BBOOK	20	TF	BEEKY				+ 9800			1						Transition	1310
BBOOK	30	RF	TAILR		R	82.4°	+ 7000			1		9.1 Nm		CFMDN		Transition	2004
HAITR	10	IF	HAITR	Inter AF			11000				210 Kts					Transition	2004
HAITR	20	TF	DWLLT				+ 9800			1						Transition	2004
HAITR	30	RF	MNCHH		L	82.4°	+ 7200			1		8.5 Nm		CFRXR		Transition	2004
HAITR	40	TF	TAILR				+ 7000			1						Transition	2004
SARAH	10	IF	SARAH	Inter AF												Transition	1310
SARAH	20	TF	MNCHH				+ 7200			1						Transition	2004
SARAH	30	TF	TAILR				+ 7000			1						Transition	2004
	20	IF	TAILR	FAF			+ 7000										2004
	30	TF	RW07	MaPt	FO		5405		-3.00°	0.3							1212
	40	CA		Go.Arr		82.4°	+ 5900										1212
	50	DF	CIDMU							1							2004
	60	TF	LIMEX		FO		+ 10000			1							1212
	70	HM	LIMEX		R	81.1°	+ 10000					7 Nm					1212

All tooltip give the change...

Approach - KDEN - HI

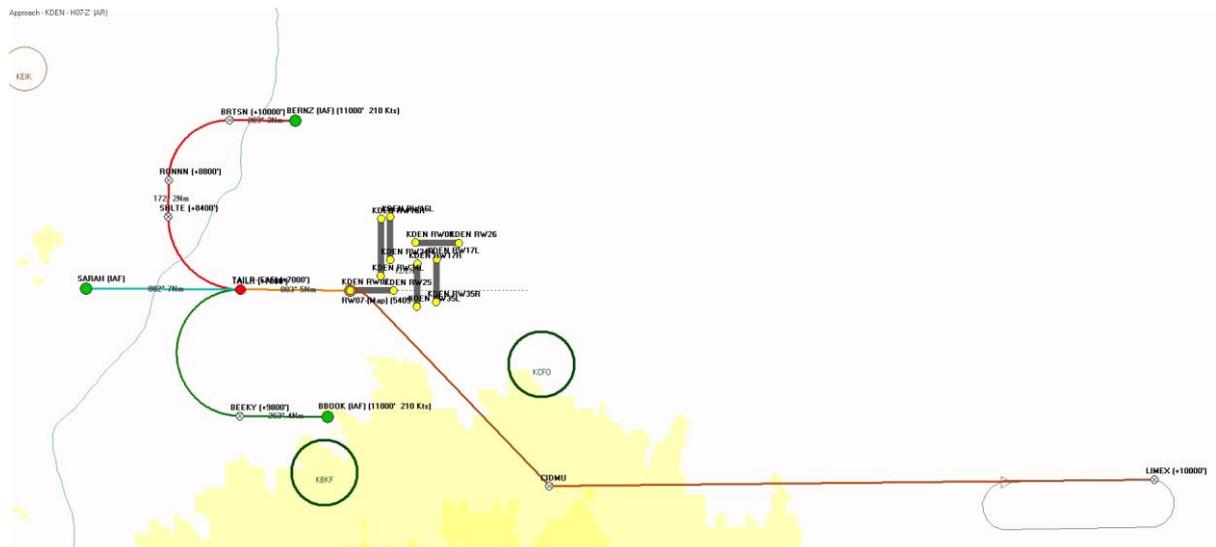
Via	Seq	Pt	Fix
BBOOK			BERNZ
BBOOK			BEEKY
BBOOK		RF	TAILR
HAITR	10	IF	HAITR
HAITR	20	TF	DWLLT

The procedure has been mainly modified from this...

Approach - KDEN - H07-Z (AR) Denver Intl **Mag Var : 08.0° E**

Cycle : 2003

Via	Seq	Pt	Fix	Typ	F/D	Mag	Crs	Alt 1	Alt 2	Vert	Angle	RNP	Speed	Distance	Time	CTR	RF	Rec	Leg	Navaid	Updte	
BBOOK	10	IF	BBOOK	Inter AF				11000					210 Kts								Transition	1310
BBOOK	20	TF	BEEKY					+ 9800				1									Transition	1310
BBOOK	30	RF	TAILR		R	82.4°		+ 7000				1		9.1 Nm				CFFTK		Transition	1310	
BERNZ	10	IF	BERNZ	Inter AF				11000					210 Kts								Transition	1310
BERNZ	20	TF	BRTSN					+ 10000				1									Transition	1310
BERNZ	30	RF	RONNN		L	172.4°		+ 8800				1		4.4 Nm				CFFTL		Transition	1310	
BERNZ	40	TF	SHLTE					+ 8400				0.8									Transition	1310
BERNZ	50	RF	TAILR		L	82.4°		+ 7000				0.8		5.2 Nm				CFFTM		Transition	1310	
SARAH	10	IF	SARAH	Inter AF																	Transition	1310
SARAH	20	TF	TAILR					+ 7000				1									Transition	1310
	20	IF	TAILR	FAF				+ 7000														1310
	30	TF	RW07	MaPt	FD			5405			-3.00°	0.3										1212
	40	CA		Go.Arr			82.4°	+ 5900														1212
	50	DF	CIDMU									1										1310
	60	TF	LIMEX		FD			+ 10000				1										1212
	70	HM	LIMEX		R	81.1°		+ 10000						7 Nm								1212

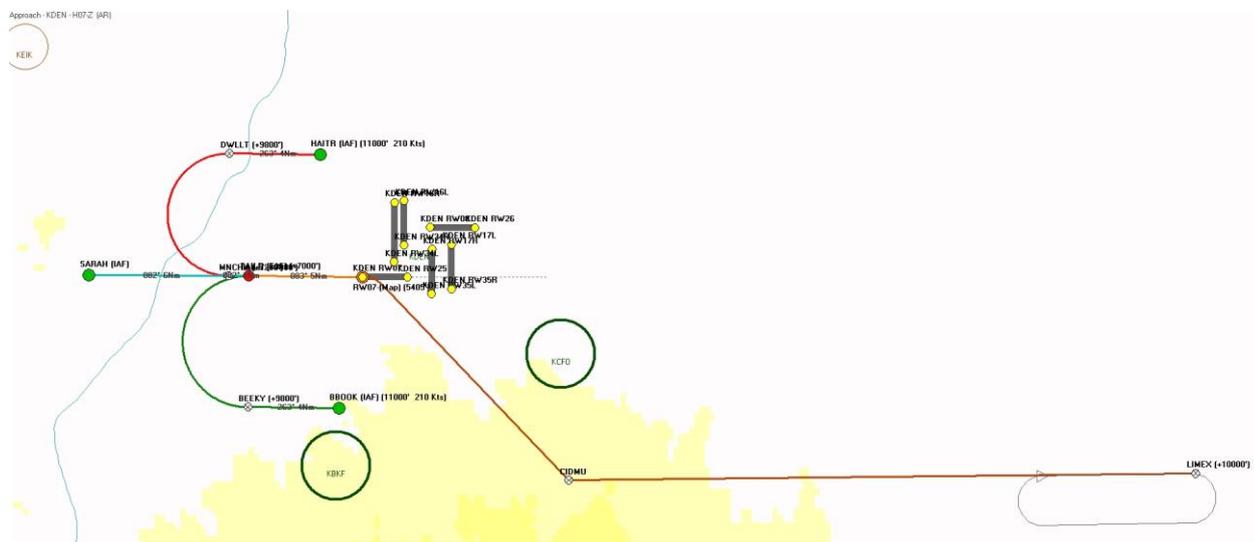


To this...

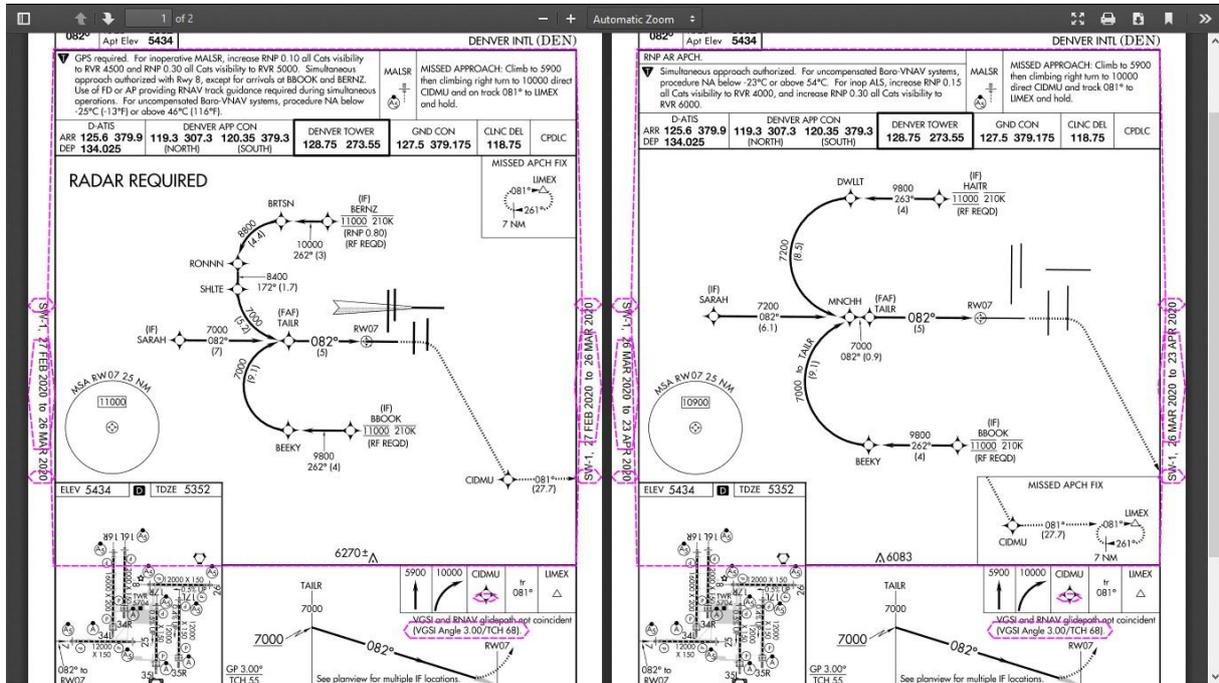
Approach - KDEN - H07-Z (AR) Denver Intl **Mag Var : 08.0° E**

Cycle : 2004

Via	Seq	Pt	Fix	Typ	F/D	Mag	Crs	Alt 1	Alt 2	Vert	Angle	RNP	Speed	Distance	Time	CTR	RF	Rec	Leg	Navaid	Updte	
BBOOK	10	IF	BBOOK	Inter AF				11000					210 Kts								Transition	1310
BBOOK	20	TF	BEEKY					+ 9800				1										1310
BBOOK	30	RF	TAILR		R	82.4°		+ 7000				1		9.1 Nm				CFMDN		Transition	2004	
HAITR	10	IF	HAITR	Inter AF				11000					210 Kts								Transition	2004
HAITR	20	TF	DWLLT					+ 9800				1									Transition	2004
HAITR	30	RF	MNCHH		L	82.4°		+ 7200				1		8.5 Nm				CFR XR		Transition	2004	
HAITR	40	TF	TAILR					+ 7000				1									Transition	2004
SARAH	10	IF	SARAH	Inter AF																	Transition	1310
SARAH	20	TF	MNCHH					+ 7200				1									Transition	2004
SARAH	30	TF	TAILR					+ 7000				1									Transition	2004
	20	IF	TAILR	FAF				+ 7000														2004
	30	TF	RW07	MaPt	FD			5405			-3.00°	0.3										1212
	40	CA		Go.Arr			82.4°	+ 5900														1212
	50	DF	CIDMU									1										2004
	60	TF	LIMEX		FD			+ 10000				1										1212
	70	HM	LIMEX		R	81.1°		+ 10000						7 Nm								1212



Here are those changes when you check them in the AIP.



And the same for the other procedures of this airport.

Easy to make this same job with all the airports of a country, or with a filter... as described if the help file.