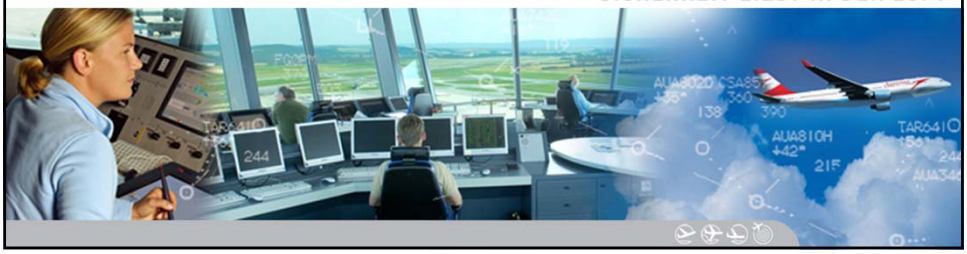
ICAO Flugplan 2012

Flugplanänderungen für Flüge innerhalb Österreichs

SICHERHEIT LIEGT IN DER LUFT



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AIC **A 6/12**
12 JUL

This AIC includes 2 pages and 3 Attachments.

"*FPL 2012*"

Changes to the content and format of the ICAO flight plan form applicable from 15 November 2012

INTRODUCTION

The International Civil Aviation Organization (ICAO) has agreed to make changes to the content and format of the ICAO flight plan form (FPL). These changes become globally applicable on 15 November 2012, although many States will accept the NEW format prior to that date. Coincident with these changes Austria is amending its flight planning requirements.

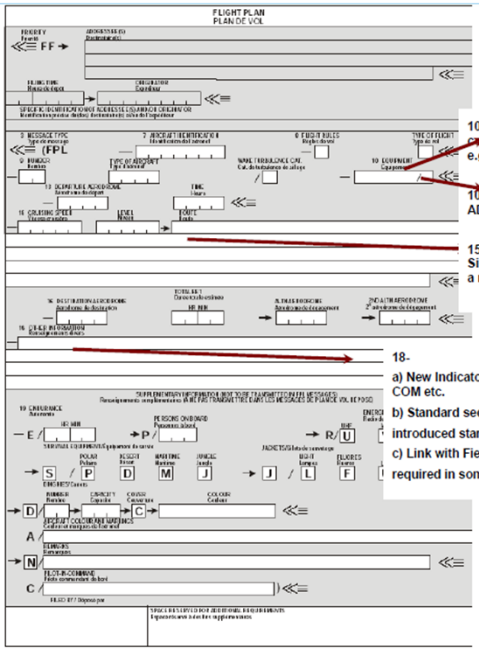
PRESENT refers to the current ICAO flight planning provisions, which will no longer be applicable after 15 November 2012.

NEW refers to the ICAO flight planning provisions, as detailed in Amendment 1 to the *Procedures for Air Navigation Services – Air Traffic Management* (PANS-ATM, Doc 4444), 15th Edition. These provisions become globally applicable from 15 November 2012.

REQUIREMENT

For flights operating within Austrian airspace the following shall apply.

Beginning **12 November 2012 at 0000 UTC**, all flight plans for Instrument Flight Rules (IFR) flights, or for flights where a portion of the flight will be completed under IFR, should be filed using the NEW content and format. Please note that Austria uses the Integrated Initial Flight Plan Processing System (IFPS) service therefore flight plans for IFR flights, or flights operating as partial IFR, and intending to operate within



Neue Nav.arten

Neue Identifizierungs- und Datenübermittlungs-Tools (Surveillance)

Beschreibung von Navigation (PBN/ NAV/) und Transponder/Datenübermittlungsarten (SUR/)

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Feld 10a
Equippement

A	GBAS landing System	K	MLS
B	LPV (APV with SBAS)	L	ILS
C	LORAN C	M1	ATC RTF SATCOM (INMARSAT)
D	DME	M2	ATC RTF (MTSAT)
E1	FMC WPR ACARS	M3	ATC RTF (Iridium)
E2	D-FIS ACARS	O	VOR
E3	PDC ACARS	P1-P9	reserviert für RCP (required comm. Performance)
F	ADF	R	PBN approved
G	GNSS	T	TACAN
H	HF RTF	U	UHF
I	Inertial Navigation	V	VHF
J1	CPDLC ATN VDL Mode2	W	RVSM approved
J2	CPDLC FANS 1/A HFDL	X	MNPS approved
J3	CPDLC FANS 1/A VDL Mode4	Y	VHF with 8,33 khz channel spacing
J4	CPDLC FANS 1/A VDL Mode4	Z	Other equipment or capabilities
J5	CPDLC FANS 1/A SATCOM (INMARSAT)		
J6	CPDLC FANS 1/A SATCOM (MTSAT)		
J5	CPDLC FANS 1/A SATCOM (Iridium)		

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Feld 10a
Equippement

A	GBAS landing System	K	MLS
B	LPV (APV with SBAS)	L	ILS
C	LORAN C	M1	ATC RTF SATCOM (INMARSAT)
D	DME	M2	ATC RTF (MTSAT)
E1	FMC WPR ACARS	M3	ATC RTF (Iridium)
E2	D-FIS ACRAS	O	VOR
E3	PDC ACARS	P1-P9	reserviert für RCP (required comm. Performance)
F	ADF	R	PBN approved
G	GNSS	T	TACAN
H	HF RTF	U	UHF
I	Inertial Navigation	V	VHF
J1	CPDLC ATN VDL Mode2	W	RVSM approved
J2	CPDLC FANS 1/A HFDL	X	MNPS approved
J3	CPDLC FANS 1/A VDL Mode4	Y	VHF with 8,33 khz channel spacing
J4	CPDLC FANS 1/A VDL Mode4	Z	Other equipment or capabilities
J5	CPDLC FANS 1/A SATCOM (INMARSAT)		
J6	CPDLC FANS 1/A SATCOM (MTSAT)		
J5	CPDLC FANS 1/A SATCOM (Iridium)		

S „Standard“ = nur **VHF**, **VOR**, **ILS** !!
D und F separat angeben

Feld 10a
Equippement

A	GBAS landing System	**K**	MLS
B	LPV (APV with SBAS)	L	ILS
C	LORAN C	**M1**	ATC RTF SATCOM (INMARSAT)
D	DME	**M2**	ATC RTF (MTSAT)
E1	FMC WPR ACARS	**M3**	ATC RTF (Iridium)
E2	D-FIS ACRAS	O	VOR
E3	PDC ACARS	**P1-P9**	reserviert für RCP (required comm. Performance)
F	ADF	R	PBN approved
G	GNSS	T	TACAN
H	HF RTF	U	UHF
I	Inertial Navigation	V	VHF
J1	CPDLC ATN VDL Mode2	W	RVSM approved
J2	CPDLC FANS 1/A HFDL	**X**	MNPS approved
J3	CPDLC FANS 1/A VDL Mode4	Y	VHF with 8,33 khz channel spacing
J4	CPDLC FANS 1/A VDL Mode4	**Z**	Other equipment or capabilities
J5	CPDLC FANS 1/A SATCOM (INMARS		
J6	CPDLC FANS 1/A SATCOM (MTS		
J7	CPDLC FANS 1/A SATCOM (Iridium)		

Aircraft Communications Addressing and Reporting System

Controller-Pilot Data Link Communication

S „Standard“ = nur **VHF**, **VOR**, **ILS** !!
D und F separat angeben

Feld 10a
Equippement

A	GBAS landing System	K	MLS
B	LPV (APV with SBAS)	L	ILS
C	LORAN C	M1	ATC RTF SATCOM (INMARSAT)
D	DME	M2	ATC RTF (MTSAT)
E1	FMC WPR ACARS	M3	ATC RTF (Iridium)
E2	D-FIS ACRAS	O	VOR
E3	PDC ACARS	P1-P9	reserviert für RCP (required comm. Performance)
F	ADF	R (b)	PBN approved
G (a)	GNSS	T	TACAN
H	HF RTF	U	UHF
I	Inertial Navigation	V	VHF
J1	CPDLC ATN VDL Mode2	W	RVSM approved
J2	CPDLC FANS 1/A HFDL	X	MNPS approved
J3	CPDLC FANS 1/A VDL Mode4	Y	VHF with 8,33 khz channel spacing
J4	CPDLC FANS 1/A VDL Mode4	Z (c)	Other equipment or capabilities
J5	CPDLC FANS 1/A SATCOM (INMARS		
J6	CPDLC FANS 1/A SATCOM (MTS		
J7	CPDLC FANS 1/A SATCOM (Iridium)		

Aircraft Communications Addressing and Reporting System

Controller-Pilot Data Link Communication

S „Standard“ = nur **VHF**, **VOR**, **ILS** !!

D und F separat angeben

Feld 10a
Equippement

A	GBAS landing System	K	MLS
B	LPV (APV with SBAS)	L	ILS
C	LORAN C	M1	ATC RTF SATCOM (INMARSAT)
D	DME	M2	ATC RTF (MTSAT)
E1	FMC WPR ACARS	M3	ATC RTF (Iridium)
E2	D-FIS ACRAS	O	VOR
E3	PDC ACARS	P1-P9	reserviert für RCP (required comm. Performance)
F	ADF	R	PBN approved
G	GNSS	T	TACAN
H	HF RTF	U	UHF
I	Inertial Navigation	V	VHF
J1	CPDLC ATN VDL Mode2	W	RVSM approved
J2	CPDLC FANS 1/A HFDL	X	MNPS approved
J3	CPDLC FANS 1/A VDL Mode4	Y	VHF with 8,33 khz channel spacing
J4	CPDLC FANS 1/A VDL Mode4	Z	Other equipment or capabilities
J5	CPDLC FANS 1/A SATCOM (INMARSAT)		
J6	CPDLC FANS 1/A SATCOM (MTSAT)		
J7	CPDLC FANS 1/A SATCOM (Iridium)		

S „Standard“ = nur **VHF**, **VOR**, **ILS** !!

D und F separat angeben

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10b
Surveillance Equipment

A	Mode A
C	Mode C
Mode S	
X	Mode S, no Pressure Alt., no Aircraft Identity
P	Mode S, Pressure Alt., but no Aircraft Identity
I	Mode S, Aircraft Identity, but no Pressure Alt.
S	Mode S, Aircraft Identity and Pressure Alt.
H	Mode S, Aircraft Identity and Pressure Alt. and enhanced surveillance capability
E	Mode S, Aircraft Identity and Pressure Alt. and extended squitter (ADS-B) capability
L	Mode S, Aircraft Identity and Pressure Alt.,extended squitter (ADS-B) and enhanced surv. capability
ADS-B	
B1	ADS-B with dedicated 1090MHz ADS-B „out“ Capability
B2	ADS-B with dedicated 1090MHz ADS-B „out“ and „in“ Capability
U1	ADS-B „out“ Capability using UAT
U2	ADS-B „out“ and „in“ Capability using UAT
V1	ADS-B „out“ Capability using VDL Mode 4
V2	ADS-B „out“ and „in“ Capability using VDL Mode 4
ADS-C	
D1	ADS-C with FANS 1/A Capabilities
G1	ADS-C with ATN Capabilities

Feld 18
STS

ALTRV	Flight with Altitude reservation
ATFMX	Approval for ATFM Exemption
FFR	Fire fighting
FLTCK	Flight check for calibration of navaids
HAZMAT	Flight carrying hazardous material
HEAD	Head of State
HOSP	Medical flight (declared by medical authorities!)
HUM	Flight operating on a humanitarian mission
MARSA	Flight that will be separated by MIL
MEDEVAC	Life critical medical emergency evacuation
NONRVSM	non-RNAV Flight intending to operate in RVSM Airspace
SAR	Flight engaged in search and rescue mission
STATE	Flight engaged in military, customs or police services

KEINE anderen Abkürzungen unter STS/ mehr zulässig

see **AIC Austria B05/2012** „Flugpläne zur Verwendung **innerhalb** Österreichs“

Feld 18
PBN/ Einträge

Feld 10a	Feld 18	Beschreibung
R	PBN/A1	RNAV 10 (RNP 10)
	PBN/B1	RNAV 5 all permitted sensors
	PBN/B2	RNAV 5 GNSS
	PBN/B3	RNAV 5 DME/DME
	PBN/B4	RNAV 5 VOR/DME
	PBN/B5	RNAV 5 INS or IRS
	PBN/B6	RNAV 5 LORAN C
	PBN/C1	RNAV 2 all permitted sensors
	PBN/C2	RNAV 2 GNSS
	PBN/C3	RNAV 2 DME/DME
	PBN/C4	RNAV 2 DME/DME/IRU
	PBN/D1	RNAV 1 all permitted sensors
	PBN/D2	RNAV 1 GNSS
	PBN/D3	RNAV 1 DME/DME
	PBN/D4	RNAV 1 DME/DME/IRU
	PBN/L1	RNP 4
	PBN/O1	Basic RNP 1 all permitted sensors
	PBN/O2	Basic RNP 1 GNSS
	PBN/O3	Basic RNP 1 DME/DME
	PBN/O4	Basic RNP 1 DME/DME/IRU
	PBN/S1	RNP APCH
	PBN/S2	RNP APCH with BARO-VNAV
	PBN/T1	RNP AR APCH with RF (special authorization required)
	PBN/T2	RNP AR APCH without RF (special authorization required)

Identify all the relevant PBN codes (if any) per flight phase

		All permitted sensors	GNSS	DME/DME	VOR/DME	DME/DME/IRU (or INS/IRS for B5)	LORAN
Oceanic	RNAV 10	A1					
	RNP 4	L1					
En-Route	RNAV 5	B1	B2	B3	B4	B5	B6
	RNAV 2	C1	C2	C3		C4	
	RNAV 1	D1	D2	D3		D4	
Terminal	RNAV 1 (*)	D1	D2	D3		D4	
	RNP 1	O1	O2	O3		O4	
Final	RNP APCH	S1					
	RNP APCH with Baro VNAV	S2					

Note: P-RNAV is to be filed as RNAV 1. However, as P-RNAV is not exactly the same as RNAV 1 operations, users should verify their ensure they meet RNAV 1 in other ICAO regions. See ICAO Doc. 9613 for clarification.

RBN/ max 8 Items, max 16 Zeichen

Restliche Items unter **NAV/**

Flugplanänderungen für Flüge innerhalb Österreichs

AIC B5 / 2012 „Hinweise für die Flugplanaufgabe innerhalb Österreichs“

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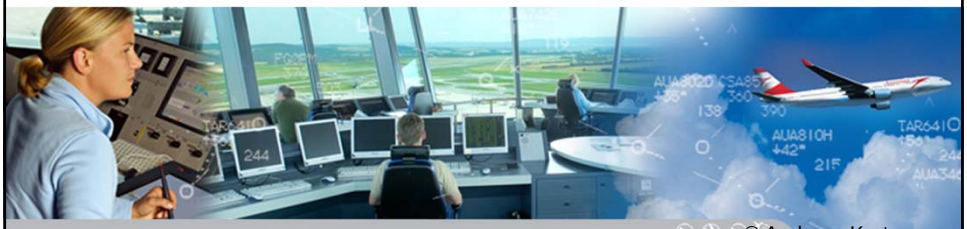

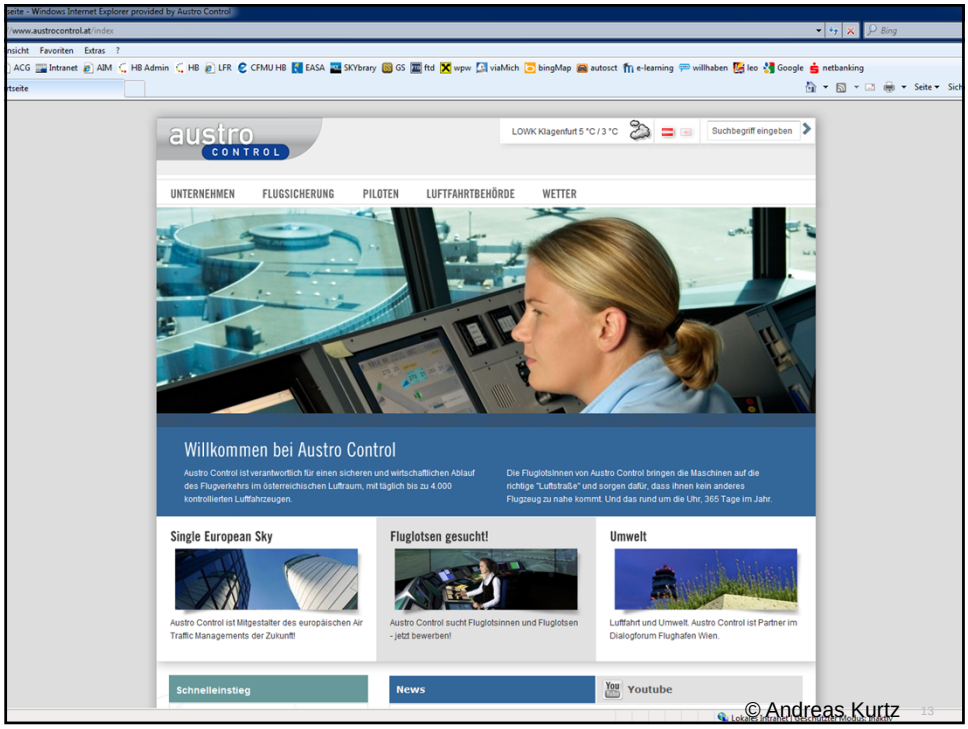

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Veröffentlichungen

- AIC Austria A 6 / 2012 „FPL 2012“
- AIC Austria B 5 / 2012 „Hinweise für die Flugplanaufgabe innerhalb Österreichs“
- AIP Austria AD2 Karten zu Flughäfen
- Eurocontrol
  http://www.eurocontrol.int/fpl2012
- ICAO - EUR/NAT Office
  http://www.paris.icao.int/documents_open_meetings/subcategory.php?id=113

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Vielen Dank für Ihre Aufmerksamkeit

Andreas Kurtz
Expert ATS Terminal
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