

Comparison of ARINC 633 Electronic Flight Folder (eFF) and Electronic Logbook (eLB) Schemas

ELogbook			eFF / Flight Plan /m633			
Parameter name	Type	Range	Parameter name	Parameter definition	Type	Used in schemas
Author/Name	xs:string	Max length= 100	Dispatcher	The dispatcher name (as per JAR regulations)	Xs:string	Flightplan eff
			AuthorName	Name of the author of the document (string)		
Author/ AuthorType	xs:string	maxLength =50	AuthorProfile	Profile of the author of the document – Predefined values are: <ul style="list-style-type: none"> • Administrator • Dispatcher • CrewMember Other values can be used	Xs:string	eff
Author/Company	xs:string	maxLength =20				
Author /PersonnelID	xs:string	maxLength =20				
Author /AuthorExtension	xs:anyType					
TailNum	xs:string	maxLength =10	regist	Registration number. Note: definition of registration type 5-7 char (not used?)	xs:string minlength=5 maxlength=7	M633header
FlightNum	xs:string	maxLength =10	FlightId	Flight Number type : either flight identification according to ATC-FPL (also known as ATC callsign) (=FlightId), or airline commercial flight number (=FlightNumber), or both	Xs:String	M633header
			FlightNum	See above	xs:string	M633header
OriginStationCode	xs:string	maxLength =5	Dep/ICAOcd	Departure airport Airport type : either icao code, or iata code, or the twice ICAOType	xs:string – fixed length 4 char	M633header
			Dep/IATACd	IATAType	xs:string – fixed length 3 char	
DestinationStationCode	xs:string	maxLength =5	Dest/ICAOcd	Destination airport Airport type : either icao code, or iata code, or the twice ICAOType	xs:string – fixed length 4 char	M633header
			Dest/IATACd	IATAType	xs:string – fixed length 3 char	
FlightOriginDate (date of first leg of a flight)	xs:date		departureDate departureTime	Known UTC departure date It is the scheduled departure time	Xs:date Xs:time	M633Header
Leg	xs:int		To be checked			
LegScheduledDeparture	xs:dateTime		To be checked			
FlightType	Xs:string		FlightType		FlightTypeType,	Flight plan

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	Examples: revenue , ferry.....				xs:string Example values given: standard, re- clearance, etops...	
AuthorID						
AutolandPerformedSuccessful	xs:boolean					
OOOIOut	xs:dateTime		OutTime	No description	Xs:time	Flight plan
OOIOff	xs:dateTime		OffTime	Actual Take off time There is also a parameter named EoffTime (estimated Out time)	Xs:time	Flight plan
OOOION	xs:dateTime		OnTime	Actual time of arrival (On Time)	Xs:time	Flight plan
OOOIn	xs:dateTime		InTime	No description There is also a parameter named EInTime (estimated In time) There is also a parameter: ETA 5estimated time of arrival) and RETA (Revised Estimated Time of arrival)	Xs:time	Flight plan
IsETOPS	xs:boolean		See flight type above			
FlightDelay/DelayItem			N/A			
FlightDelay/DelayCode			N/A			
FlightDelay/DelayReason	xs:string	maxLength =60	N/A			
FlightDelay/ DelayTime	xs:integer		N/A			
Maintenanceaction/StationCode						
FlightPhase	Xs:string with examples??? (to be confirmed) source="Enumerations: AES=Arrival/Engine"		Stage of flight/code	represents the stage of flight e.g.: <ul style="list-style-type: none"> • Pre-flight • In-flight • Post-flight 	Xs:string	eff
ServiceFluids/ QtyAdded	xs:decimal	fractionDigits value="2"/>	N/A			
ServiceFluids/ QtyUnit	xs:string	maxLength =10				
SignatureType	xs:string		Signature/timestamp, Signature/type		Xs:datetime Xs:string with enumeration FLAG, SHA, MD5, RSA <u>Note:</u> A FLAG signature means that signature is only a boolean indicating that document is signed somewhere else	eff

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			FOLLOWED BY: Signature/LegalSign/ Digest Signature/LegalSign/ cert OR Signature/SimpleSign/ Digest, Signature/SimpleSign/ UserId		Type of Digest, xs:string Xs:string Type of Digest, xs:string Xs:string	
SignatureExtension	xs:anyType					
ELBSignature	xs:string	maxLength =50				