



Subject : Temporary replacement of the VOR/DME « STR ».

With effect : From 19 May 2022, 0000 UTC to 30 November 2022, 2359 UTC

Location : FIR Reims : LFEE - AD : Strasbourg Entzheim LFST, Bale Mulhouse LFSB, Colmar Houssen LFGA

Commissioning of a Provisional VOR/DME without change of call sign (STR) :

As part of the renewal of the VOR/DME STR, this latter is unavailable from Thursday 19 May 2022 (AIRAC cycle 05/22) to Wednesday 30 November 2022 inclusive.

To compensate for this outage, a Provisional Mobile VOR/DME will be put into service nearby (118 m) from 19 May 2022 until 30 November 2022 inclusive. This Provisional Mobile VOR/DME retains the same call sign (STR) and meets the specific characteristics defined below :

VOR/DME Provisional Mobile

Call sign : STR

Frequency : 115.05 MHz

Coordinates : 48°30'16.98"N - 007°34'14.55"E

Impacts on approach, holding, departure (SID) and arrival (STAR) procedures :

Given the proximity of the location of the Provisional Mobile VOR/DME to that of the VOR/DME "STR" which is temporarily replaced, the radials and distances DME of the STR-based procedures remain within the fix tolerances.

In this context, the various instrument flight procedures of the aerodromes concerned by the change are described below.

Impacts on the ATS route network (AWY) and on standard transit routes in lower airspace :

The Provisional Mobile VOR/DME replaces the VOR/DME STR published in AIP France (ENR 4.1) in the definition :

- ATS routes (AWY ref AIP France ENR 3.1) :
 - R7
 - R11
 - T131

Maps and sections of aeronautical information impacted :

The Provisional Mobile VOR/DME previously defined replaces the VOR/DME STR published in AIP France for the following procedures (ref. AIP France in parenthese) :

Strasbourg Entzheim (LFST)

- **Departure**

All SID CONV RWY05 (ref. AD2 LFST SID RWY05 CONV)

All SID CONV RWY23 (ref. AD2 LFST SID RWY23 CONV)

All SID RNAV RWY23 (ref. AD2 LFST SID RWY23 RNAV)

STR RNAV RWY05 1W (ref. AD2 LFST SID RWY05 RNAV)

- **Arrival**

All STAR CONV RWY 05 (ref. LFST STAR RWY05 CONV)

STAR LUPEN 6V - LUL 6V (ref. LFST STAR RWY05 CONV)

RNP

STAR RNAV RWY 03 and 21 (ref. AD2 LFST STAR RNAV EDSB RWY03-21 EDTL RWY 03-21)

- **Approaches**

RNAV MIRGU/LUPEN RWY 05 (ref. AD 2 LFST IAC RWY05 - INA RNAV-ILS LOC)

RNP RWY05 (ref. AD 2 LFST IAC RWY05 FNA RNP)

RNAV GTQ/BERU/SOREM/LUPEN RWY23 (ref. AD 2 LFST IAC RWY23 - INA RNAV-ILS LOC)

RNP RWY 23 (ref. AD 2 LFST IAC RWY23 FNA RNP)

SAV/LUPEN/SE RWY 23 (ref. AD 2 LFST IAC RWY23 - INA - ILS LOC NDB VOR)

ILS Z/LOC Z RWY 05 (ref. AD 2 LFST IAC RWY05 ILS Z LOC Z)

ILS Y/LOC Y RWY 05 (ref. AD 2 LFST IAC RWY05 ILS Y LOC Y)

VOR Z RWY 05 (ref. AD 2 LFST IAC RWY05 VOR Z)

VPT RWY 05 (ref. AD 2 LFST IAC RWY05 VPT)

ILS Y/LOC Y RWY 23 (ref. AD 2 LFST IAC RWY23 FNA ILS Y CAT123 LOC Y)

ILS Z/LOC Z RWY 23 (ref. AD 2 LFST IAC RWY23 FNA ILS Z CAT123 LOC Z)

VOR Y RWY 23 (ref. AD 2 LFST IAC RWY23 FNA VOR Y)

VOR Z/NDB Z RWY 23 (ref. AD 2 LFST IAC RWY23 FNA VOR Z NDB Z)

Bale Mulhouse (LFSB)

- **Arrival**

STAR STR 8K (ref. AD2 LFSB STAR RWY ALL CONV)

Colmar Houssen (LFGA)

- **Approaches**

NDB Y RWY 19 (ref. AD 2 LFGA IAC RWY 19 NDB Y)

NDB Z RWY 19 (ref. AD 2 LFGA IAC RWY 19 NDB Z)

VAC aerodromes

EPINAL DOGNEVILLE LFSE
LUNEVILLE CROISMARE LFQC
DIEUZE GUEBLANGE LFQZ
SARREGUEMINES NEUNKIRCH LFGU
SARRE UNION LFQU
SAVERNE STEINBOURG LFQY
SARREBOURG BUHL LFGT
SAINT DIE REMOMEIX LFGY
COLMAR HOUSSEN LFGA
STRASBOURG ENTZHEIM LFST
MULHOUSE HABSHEIM LFGB

Heliports

EPINAL
ST-AVOLD
SELESTAT
COLMAR
MULHOUSE
STRASBOURG HAUTEPIERRE
STRASBOURG N.H.C

Germany :**Lahr (EDTL)**

ILS/LOC RWY 21 (ref. AD 2 EDTL 4-2-1)
NDB RWY 21 (ref. AD 2 EDTL 4-4-2)
SID CONV RWY 03 (ref. AD 2 EDTL 5-7-1)
SID CONV RWY 21 (ref. AD 2 EDTL 5-7-3)
SID RNAV RWY 03 (ref. AD 2 EDTL 5-7-5)
SID RNAV RWY 21 (ref. AD 2 EDTL 5-7-7)

Karlsruhe Baden-Baden (EDSB)

SID CONV RWY 21 (ref. AD 2 EDSB 5-7-3)
SID RNAV RWY 03 (ref. AD 2 EDSB 5-7-5)
SID RNAV RWY 21 (ref. AD 2 EDSB 5-7-7)

APPENDIX 01 : AD 2 LFST DATA 01

Identification	Coordonnées Coordonnées	RNAV	CONV	SID STAR	IAC
EPL	REF ENR 4.1		X	X	
GTQ	REF ENR 4.1	X	X	X	X
LUL	REF ENR 4.1		X	X	
SAV	REF ENR 4.1	X	X	X	X
SE	REF AD 2 LFST.19	X	X	X	X
STR	48°30'16.98"N 007°34'14.55"E	X	X	X	X
RW05	48°31'52.30"N 007°36'57.71"E	X			X
RW23	48°32'43.59"N 007°38'25.59"E	X			X

KBA	REF AD 2 EDTL.19	X		X	
LHR	REF AD 2 EDTL.19	X	X	X	
SUL			X	X	

ANDLO	REF ENR 4.4		X	X	X
BAKIX	REF ENR 4.4	X	X	X	X
BERUG	REF ENR 4.4	X	X	X	X
DIBOT	REF ENR 4.4		X	X	
DOBEG	REF ENR 4.4		X	X	
EPIKO	REF ENR 4.4		X	X	
LUPEN	REF ENR 4.4	X	X	X	X
LOPSU	REF ENR 4.4	X	X	X	X
MIRGU	REF ENR 4.4	X	X	X	X
OBORN	REF ENR 4.4	X	X	X	
PHALO	REF ENR 4.4		X	X	
POGOL	REF ENR 4.4	X	X	X	
REPDA	48°20'53.2"N 007°44'26.6"E	X		X	
SOREM	REF ENR 4.4	X	X	X	X

IF RWY 05	48°20'25.8"N 007°17'24.0"E		X		X
IF RWY 23	48°40'09.5"N 007°51'13.0"E		X		X
FAP/FAF RWY 05	48°23'03.1"N 007°21'55.6"E		X		X
FAP/FAF RWY 23	48°38'38.6"N 007°48'36.0"E		X		X

SB052	48°53'43.52"N 008°11'22.29"E	X		X	
SB053	48°56'27.63"N 008°05'04.66"E	X		X	
FST05	48°23'04.4"N 007°21'57.8"E	X			X
FST23	48°38'50.3"N 007°48'56.4"E	X			X
ST415	48°38'11.8"N 007°47'49.9"E	X			X
ST420	48°30'19.5"N 007°34'18.9"E	X			X
ST425	48°42'23.0"N 007°42'23.4"E	X			X
ST430	48°33'34.3"N 007°28'48.6"E	X			X
ST435	48°33'36.2"N 007°26'44.3"E	X			X
ST445	48°24'56.4"N 007°11'26.6"E	X			X
ST600	48°38'29.92"N 007°38'36.45"E	X		X	
ST602	48°35'44.08"N 007°33'50.74"E	X		X	
IST23	48°41'01.5"N 007°52'41.2"E	X			X
STA17	48°45'41.6"N 007°49'58.1"E	X			X
STB28	48°43'08.0"N 007°33'11.5"E	X			X
STB40	48°40'21.6"N 007°15'29.4"E	X			X
STG48	48°53'22.3"N 007°05'31.4"E	X			X
STM27	48°14'09.3"N 007°05'25.8"E	X			X
STM33	48°14'38.1"N 006°56'33.6"E	X			X
STS26	48°40'49.0"N 007°36'19.8"E	X			X
STS40	48°34'20.9"N 007°18'08.7"E	X			X
TL061	48°27'11.04"N 007°53'44.02"E	X		X	
TL062	48°30'57.52"N 007°50'07.16"E	X		X	
TL053	48°16'38.53"N 007°45'13.06"E	X		X	
TL054	48°16'25.91"N 007°51'28.22"E	X		X	