



**Subject** : Restrictions of use of Avord AD LFOA due to aerodrome renovation work, PHASE 4

**With effect** : From 04 NOV 2021 to 29 MAY 2022

Location : FIR : Paris LFFF - AD : Avord LFOA

#### **INTRODUCTION :**

As a purpose to operate the Airbus A330-200 MRTT and in order to keep the airforce base Avord (LFOA) active, a major renovation work is being carried out. It involves resurfacing of RWY and TWY as well as upgrading power supply and lightning. This work has started on 5<sup>th</sup> October 2020 and lasts 24 months.

During this time period, step by step parts of RWY and TWY won't be available. The availabilities are divided in 5 work phases.

#### **DESCRIPTION :**

The work phases will last until July 2022 (phase 1 and 4 are divided into three sub-phases 1a to 1c and 4a to 4c). Final reservations should be cleared by July 2022. A description of each phase is described in AIP-SUP.

This 4<sup>th</sup> phase described below has a planned duration of 5 months and might be extended by one month.

**The start and end dates for this phase will be confirmed by NOTAM.**

Phase 4 :

Construction equipment and staff will be positioned on the TAXIWAY WHISKY, TAXIWAY CHARLIE and the TAXIWAY ECHO in accordance with 3 sub-phases (the first one is split into 2 parts) :

- sub-phase 4a :
  - sub-phase 4a1 : APPENDIX 1a1
  - sub-phase 4a2 : APPENDIX 1a2
- sub-phase 4b : APPENDIX 1b
- sub-phase 4c : APPENDIX 1c

*For all of these 3 sub-phases :*

Night work may be necessary to meet the timetable, and may restrict aviation activities at night (traffic restrictions to be published by NOTAM).

The whole runway is now usable (3 503 m) but with tempo PAPI and tempo lightning (BI)<sup>2</sup>. As consequences the following restrictions are implemented :

- take-offs minima for RWY 06 and RWY 24 : RVR >= 800 m ;
- RWY 24 procedures using ILS (published in the IAC, MIAC 2 and MIAC 4) cannot be used due to the localizer removal ;
- All the other procedures RWY 06 and RWY 24 (published in the IAC, MIAC 2 and MIAC 4), may be used with MVL minima.

Except for take-off and landing, overflying work areas below 500 ft AGL is prohibited.

<sup>1</sup> Multi-Role Transport Tanker – a multi-role aircraft for in-flight refueling and transport

<sup>2</sup> low-intensity

Flight procedures suspended or with higher IFR minima :

- MIAC 2 :

<b>RWY in use</b>	<b>Name of procedure</b>	<b>Suspended procedure</b>	<b>Procedure usable with restrictions</b>
06	page MIL B « PAR RWY 06 »		with MVL minima
	page MIL C « TACAN RWY 06 »		
	page MIL D « RNP RWY 06 »		
24	page MIL E « ILS Z ou LOC Z RWY 24 »	X	
	page MIL F « ILS Y ou LOC Y RWY24 »	X	
	page MIL G « PAR RWY 24 »		with MVL minima
	page MIL H « TACAN RWY 24 »		
	page MIL J « NDB RWY 24 »		
	page MIL K « RNP RWY 24 »		

- IAC :

<b>RWY in use</b>	<b>Name of procedure</b>	<b>Suspended procedure</b>	<b>Procedure usable with restrictions</b>
06	« RNP RWY 06 »		with MVL minima
24	« ILS or LOC RWY 24 »	X	
	« RNP RWY 24 »		with MVL minima

- MIAC 4 :

<b>RWY in use</b>	<b>Name of procedure</b>	<b>Suspended procedure</b>	<b>Procedure usable with restrictions</b>
06	page 05 « TACAN "S" PAR RWY 06 »		minima increased as follows : CAT B : MDH 600ft / VISI 2 400 m CAT C : MDH 600ft / VISI 2 400 m CAT D : MDH 600ft / VISI 3 600 m
	page 06 « TACAN "S" RWY 06 »		
24	page 07 « HPMA TACAN "S" ILS or LOC RWY 24 »	X	
	page 08 « TACAN "S" PAR RWY 24 »		minima increased as follows : CAT B : MDH 600ft / VISI 2 400 m CAT C : MDH 600ft / VISI 2 400 m CAT D : MDH 600ft / VISI 3 600 m
	page 09 « TACAN "S" RWY 24 »		

**Miscellaneous information :**

- ILS RWY 24 not available;
- No arresting system ; the restoration of an arresting barrier in RWY 24 will be announced by NOTAM ;
- Taxi minima : RVR 800 m minimum ;
- Take-off minima : RVR 800 m minimum ;
- MVL : available at night for all the procedures not suspended; use of the tempo PAPI is mandatory ;
- landing and take-off prohibited if cross wind stronger than 25 kt on dry runway, or 20 kt on wet runway, for all aircraft; wide-body aircraft must contact the base operations office (BOB) beforehand at [ba702-ops.dv.fct@intra.def.gouv.fr](mailto:ba702-ops.dv.fct@intra.def.gouv.fr) phone : +33 (0)2 48 68 40 54 to confirm parking availability;
- please consider extra taxi time and to backtrack or turn around on the RWY;
- plan fuel quantity in order to comply with these new restrictions.

**Marking lights :**

- use of temporary PAPI : 3° for RWY 06 and RWY 24, the PAPI has been calibrated with the E-3F as reference aircraft ;
- temporary white low-intensity (BI) lighting in place on either side of the runway ;
- out of ground green runway threshold lights and red end-of-runway lights in place, regardless of the QFU in use ;
- no signs displaying RWY remaining distance ;
- blue retro-reflective lights in place on the taxiways and on Stand ZA3.
- no signs at holding points.

**Obstacles :**

- red and white cones with HN red lights are positioned to prevent access to the worksite.

**Physical characteristics of the taxiways:**

Taxiways BRAVO 3 and BRAVO 4 made wider :

- **width** : 23 meters ;
- **taxiway shoulder** : surfaced pavement is limited to 10.5 meters on each side of the taxiway.

These taxiways can be used by CAT A, B, C, D and E ACFT.

**Physical characteristics of the runways :**

TODA = TORA = LDA = ASDA : 3 503 m.

RWY width : 45 m.

Paved RWY strip : 7.5 meters on each side of the runway.

Threshold coordinates for RWY 06 : 47° 02' 52.61" N - 002° 36' 42.40" E

Threshold coordinates for RWY 24 : 47° 03' 48.70" N - 002° 39' 06.68" E

**Restrictions :**

- follow ATC instructions for ground movements;
- the response time for fire fighting of some of the aerodrome facilities requires :
  - o the use of taxiways by fire fighting vehicles ;
  - o immediate stop of ACFT taxiing to give way to rescue services as soon as vehicle in sight or upon ATC instructions.

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APPENDIX 1a1 : description of sub-phase 4a1

Construction equipment and staff will be positioned on the TAXIWAY ECHO, between strip BRAVO 2 and strip BRAVO 3;  
 And on the intersection between strip BRAVO 3, TAXIWAY ECHO and TAXIWAY CHARLIE :

- taxi plan modified, follow ATC instructions;
- TWY Echo (western part, between strips BRAVO 2 and BRAVO 3) and TWY Charlie closed ;
- intersection TWY Charlie, TWY Echo and strip BRAVO 3 closed ;
- apron 3 inaccessible.

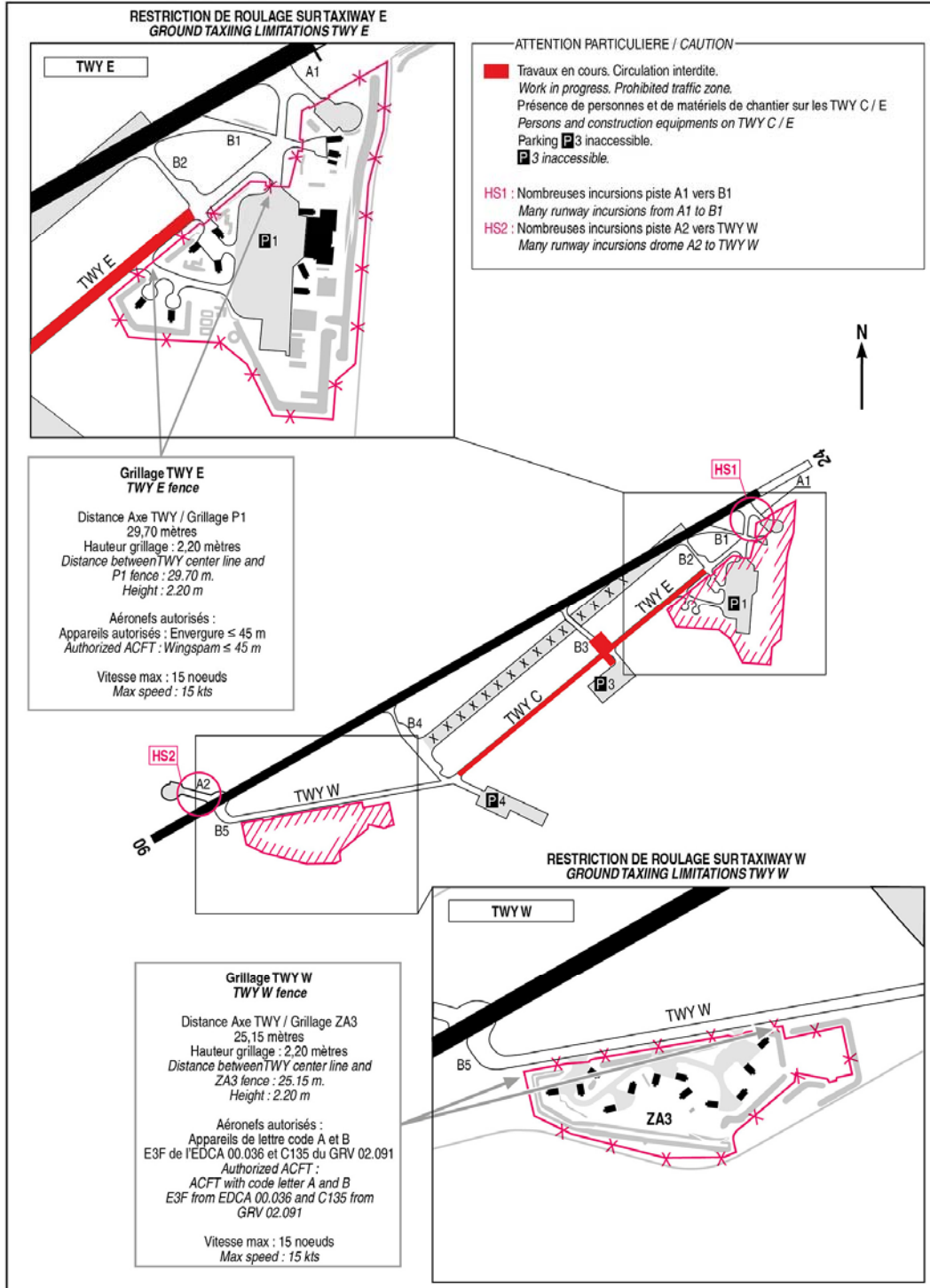
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AD 2 LFOA GMC 01  
23 SEP 21

**MOUVEMENTS A LA SURFACE**  
Ground movements

**PHASE 4a1**

AVORD



APPENDIX 1a2 : description of sub-phase 4a2

Construction equipment and staff will be positioned on the TAXIWAY ECHO, between strip BRAVO 2 and strip BRAVO 3 :

- taxi plan modified, follow ATC instructions;
- TWY Echo closed between strips BRAVO 2 and BRAVO 3.

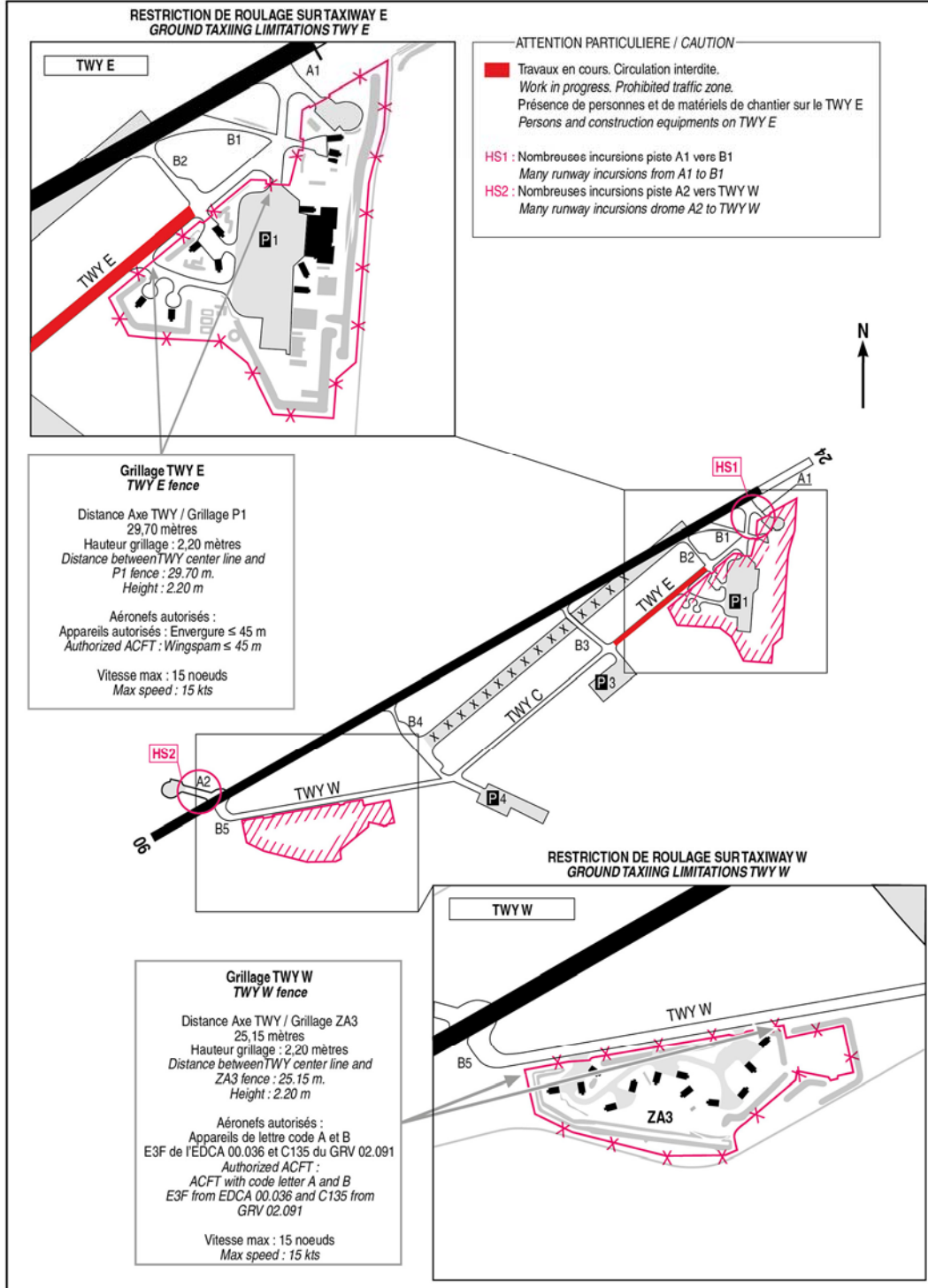
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**MOUVEMENTS A LA SURFACE**  
Ground movements

**PHASE 4a2**

**AVORD**



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APPENDIX 1b : description of sub-phase 4b

Construction equipment and staff will be positioned on the TAXIWAY CHARLIE, between strip BRAVO 3 and strip BRAVO 4 :

- taxi plan modified, follow ATC instructions ;
- TWY Charlie closed.

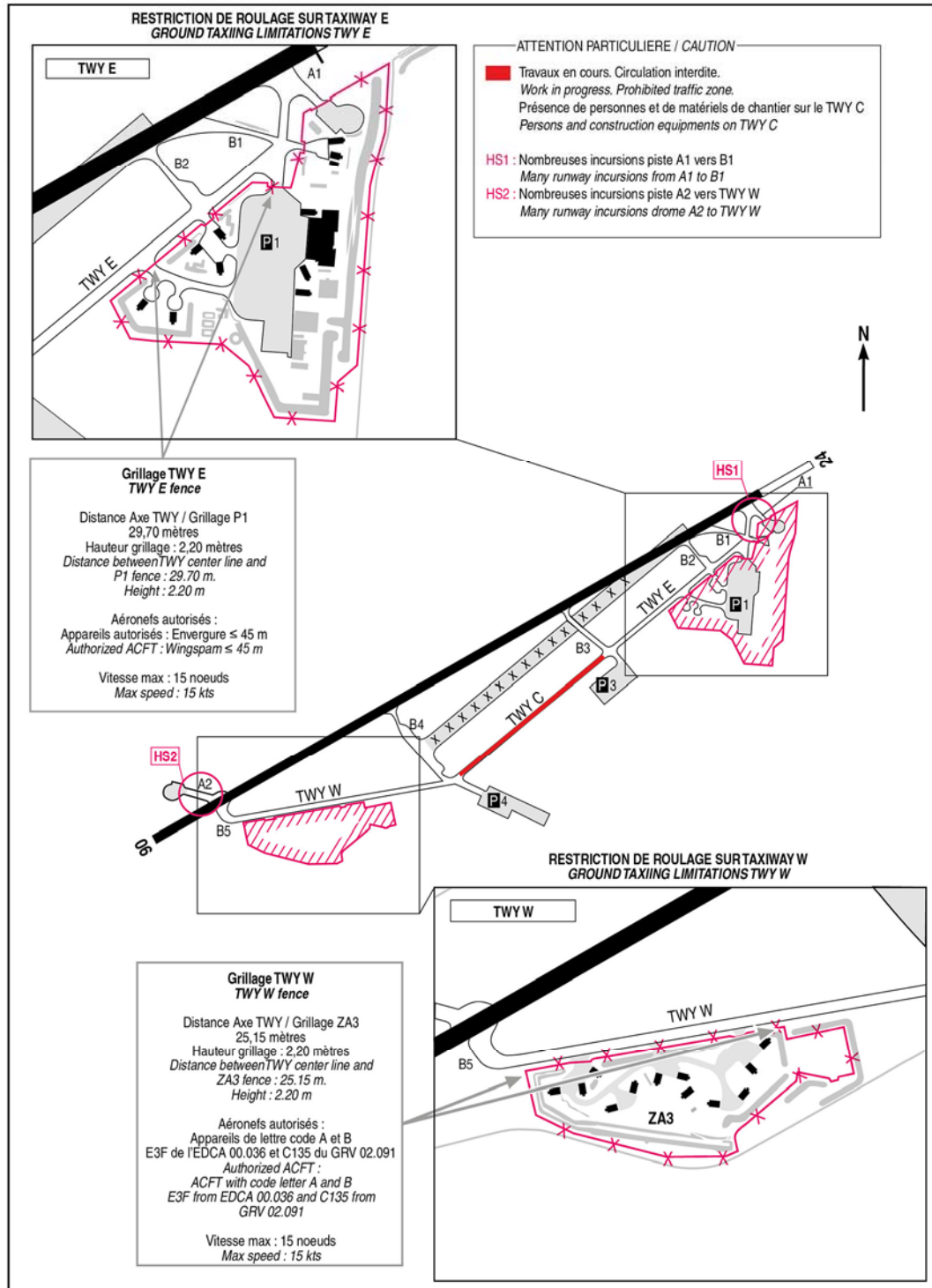
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**MOUVEMENTS A LA SURFACE**  
Ground movements

**PHASE 4b**

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APPENDIX 1c : description of sub-phase 4c

Construction equipment and staff will be positioned on the TAXIWAY WHISKY between strip BRAVO 4 and strip BRAVO 5 :

- taxi plan modified, follow ATC instructions ;
- eastern part of TWY Whisky closed.

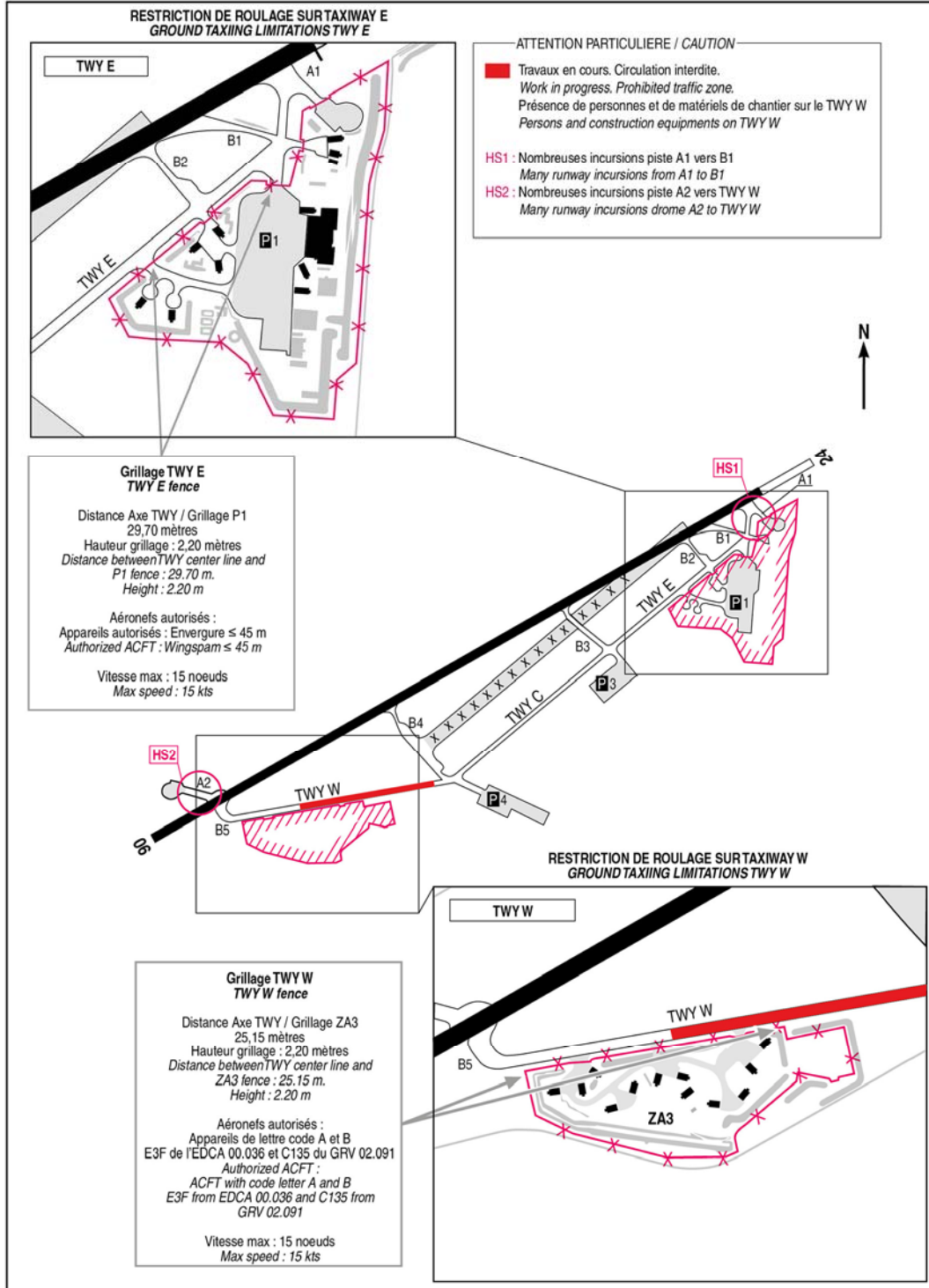
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**MOUVEMENTS A LA SURFACE**  
Ground movements

**PHASE 4c**

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