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Aircraft Pushback Instructions

1. PURPOSE, OBJECTIVE AND SCOPE OF APPLICATION

The objective of these regulations is to specify the aircraft pushback and self manoeuvring departure procedures for each stand position on the main aircraft parking area of the airport.

1.1. Pushback departure

The ground staff in charge of signaling to the cockpit crew to start or increase the power of the engines and/or to pushback, has to preliminary ensure:

- that the safety regulations prescribed by the aircraft operator are respected;
- that the area concerned by these operations, especially behind the aircraft and when a service road crosses the pushback trail, is cleared of all obstacles and every precaution is taken to avoid accidents involving present staff, vehicles, ground service equipment and that any objects are removed that could potentially hit the aircraft or could lead to a dangerous situation due to the jet blast or the aspiration of propellers or turbines.

If these conditions are not met, the responsible ground staff must discontinue the operation and have the aircraft immediately stopped.

In the event of technical problems during the operation, the ground staff will immediately inform the control tower.

On the parking area the anti-collision lights of the aircraft must be switched on right before starting the engines and must remain switched on while the engines are running.

In order to warn present staff of the imminent departure of the aircraft, the pushback driver will switch on the warning lights of the pushback tractor right before starting the pushback operation.

All the warning lights of the aircraft must be switched on, whether the aircraft is pushed or self-propelled. If the aircraft is towed, the tractor driver must switch on the cruising lights.

No pushback operation at all can be carried out if it is not a qualified driver that is operating the equipment.

Whether towed or self-propelled, an aircraft can only move on the taxiways after authorisation by the Control Tower. A radio communication link with the tower must be maintained at all times during the operation.

The staff will take all possible precautions for safety and security that are required by the operation. At the same time, it will notify any dangerous situation that may have an impact on the safety in general (aerosafety@euroairport.com).

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1.2. Self manoeuvring departure

The Tower asks for approval of the requests for self manoeuvring departures at Apron Control. After the confirmation by Apron Control, the Control Tower authorises the departure by informing the pilot to wait for assistance of a marshall, who will insure a safe departure.

2. PUSHBACK PRIORITIES

The pushback instructions are defined in accordance of the parking positions, aircraft codes and the seasons.

In case of several simultaneous requests, the priorities of the pushback are defined as follows:

2.1. Standard operation

Northern apron

Push back instructions for stands 29 to 48:

1st aircraft: pushback northern corridor (except stands 47/48)

2nd aircraft: pushback towards stand 39 (except stand 39)

3rd aircraft: center pushback

4th aircraft: pushback onto taxiway Alpha (except stands 40/41/42/47/48)

Aircraft code D (wingspan up to 38.05m): pushback onto taxiway Bravo

Push back instructions for stands 43 to 46:

1st aircraft: pushback onto taxiway Alpha

Aircraft code D (stand 43A): pushback onto taxiway Bravo

Southern apron

Pushback instructions for stands F5 to 12A:

1st aircraft: pushback towards stand F5 (except stand F5)
 2nd aircraft: pushback towards stand F6 (except stand F6)
 3rd aircraft: pushback towards stand F7 (except stand F7)

4th aircraft: center pushback

5th aircraft: pushback onto taxiway Alpha

Aircraft codes D/E/F: pushback onto taxiway Bravo

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Others

Pushback instructions for stands 14A to 28A:

1st aircraft: pushback onto taxiway Alpha (except stands 14A and 28A)

Aircraft codes D/E: pushback onto taxiway Bravo

Pushback instructions for stand 14A:

1st aircraft: pushback onto taxiway Alpha facing south
 2nd aircraft: pushback onto taxiway Alpha facing north

3 rd aircraft: pushback towards stand F5

Pushback instructions for stand 28A:

1st aircraft: pushback onto taxiway Alpha facing north 2nd aircraft: pushback onto taxiway Alpha facing south

Express freight apron

Pushback instructions for stands F1 to F3:

1st aircraft: pushback onto taxiway Victor2nd aircraft: pushback onto taxiway Bravo

Pushback instructions for stands F4 / F4A / F5A:

1st aircraft: pushback onto taxiway Alpha **Aircraft code D**: pushback onto taxiway Bravo

Pushback instructions for stand F11:

Code D

1st aircraft: pushback onto taxiway Bravo

Cargo Terminal

Pushback instructions for stands F21 / F22:

1st aircraft: standard pushback (Lima for F22)

2nd aircraft: pushback onto taxiway Lima

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2.2. Winter operation (pushback and aircraft de-icing)

The anti-icing operation is performed on the parking position.

Northern apron

Pushback instructions for stands 29 to 48:

1st aircraft: pushback northern corridor (except stands 47/48)

2nd aircraft: pushback towards stand 39 (except stands 39)

As of 3rd pushback request, the de-icing is performed on the parking position

Aircraft code D:

1st aircraft: pushback northern corridor (wingspan max 38.05m)

2nd aircraft: the de-icing is performed on the parking position

Pushback instructions for **stands 43 to 46**: de-icing is performed on the parking position.

Aircraft code D (stand 43A): the de-icing is performed on the parking position

Southern apron

Pushback instructions for stands F5 to 14A code C:

1st aircraft: pushback towards stand F5 (except stand F5)

2nd aircraft: pushback towards stand F6 (except stands F6/14A) 3rd aircraft: pushback towards stand F7 (except stands F7/14A)

As of 4th pushback request, the de-icing is performed on the parking position.

Pushback instructions for **stands F5 / F6 / F7**: the de-icing is performed on the parking position

Aircraft codes D/E/F: the de-icing is performed on the parking position.

Others

Pushback instructions for **stands 16A to 28A**: the de-icing is performed on the parking position.

Express freight apron

Pushback instructions for **stands F1 to F5A**: the de-icing is performed on the parking position.

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Cargo Terminal

Pushback instructions for **stands F21 / F22:** the de-icing is performed on the parking position.

NB: Pushback in LVP conditions

Pushback instructions if **RVR <550m** are mentioned for each position in the pushback parking position annexed.

3. LIST OF DISTRIBUTION AND RESPONSABILITY

These instructions are distributed via the website www.euroairport.com (link: http://www.euroairport.com/fr/professionnels/repoussage.html) to DGAC, the ground handling companies, the airlines (upon their request), the organizations taking part in the aircraft handling and all concerned departments of the airport by the management of Basel-Mulhouse Airport - Operations Department.

The ground handling companies are responsible for the distribution of the information and the training of their staff and the correct implementation at their respective subcontractors.

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4. CONNECTED DOCUMENTS

Pushback Instructions	Applicable Document	Effective Date	
Tarmac Ground Marking Plan	AP-TRA/SIA/TRA-001 v12	12/12/2022	
Pushback Plan of parking positions			
Parking Position F1	I-TRA/ACF/PUSH-001 v10	01/11/2023	
Parking Position F2	I-TRA/ACF/PUSH-002 v10	01/11/2023	
Parking Position F3	I-TRA/ACF/PUSH-003 v10	01/11/2023	
Parking Position F4 - codes D/ C	I-TRA/ACF/PUSH-004 v9	01/11/2023	
Parking Position F4A	I-TRA/ACF/PUSH-096 v6	01/11/2023	
Parking Position F5	I-TRA/ACF/PUSH-097 v8	01/11/2023	
Parking Position F5A	I-TRA/ACF/PUSH-097 v6	01/11/2023	
Parking Position F6	I-TRA/ACF/PUSH-005 v9	01/11/2023	
Parking Position F7	I-TRA/ACF/PUSH-006 v8	01/11/2023	
Parking Position F8 – codes F/C	I-TRA/ACF/PUSH-071 v11	01/11/2023	
Parking Position F9 – code E	I-TRA/ACF/PUSH-072 v11	01/11/2023	
Parking Position F10	I-TRA/ACF/PUSH-032 v9	01/11/2023	
Parking Position F11- code D	I-TRA/ACF/PUSH-033 v11	01/11/2023	
Parking Position F21 - code F	I-TRA/ACF/PUSH-087 v7	01/11/2023	
Parking Position F22 - code F	I-TRA/ACF/PUSH-088 v7	01/11/2023	
Parking Position 1	I-TRA/ACF/PUSH-035 v10	01/11/2023	
Parking Position 2	I-TRA/ACF/PUSH-036 v10	01/11/2023	
Parking Position 3	I-TRA/ACF/PUSH-037 v12	01/11/2023	
Parking Position 4	I-TRA/ACF/PUSH-038 v12	01/11/2023	

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Parking Position 5 - codes E / D / C	I-TRA/ACF/PUSH-076 v12	01/11/2023
Parking Position 6A	I-TRA/ACF/PUSH-083 v10	01/11/2023
Parking Position 9A	I-TRA/ACF/PUSH-044 v12	01/11/2023
Parking Position 11A	I-TRA/ACF/PUSH-047 v12	01/11/2023
Parking Position 12A	I-TRA/ACF/PUSH-049 v12	01/11/2023
Parking Position 14A	I-TRA/ACF/PUSH-008 v10	01/11/2023
Parking Position 16A	I-TRA/ACF/PUSH-011 v7	01/11/2023
Parking Position 17	I-TRA/ACF/PUSH-012 v7	01/11/2023
Parking Position 18 - codes E / D	I-TRA/ACF/PUSH-077 v6	01/11/2023
Parking Position 20	I-TRA/ACF/PUSH-013 v7	01/11/2023
Parking Position 22	I-TRA/ACF/PUSH-014 v7	01/11/2023
Parking Position 24	I-TRA/ACF/PUSH-015 v8	01/11/2023
Parking Position 26	I-TRA/ACF/PUSH-016 v7	01/11/2023
Parking Position 26A	I-TRA/ACF/PUSH-017 v7	01/11/2023
Parking Position 28A	I-TRA/ACF/PUSH-020 v9	01/11/2023
Parking Position 29	I-TRA/ACF/PUSH-050 v10	01/11/2023
Parking Position 29A	I-TRA/ACF/PUSH-051 v11	01/11/2023
Parking Position 30A	I-TRA/ACF/PUSH-053 v11	01/11/2023
Parking Position 32A	I-TRA/ACF/PUSH-056 v11	01/11/2023
Parking Position 34	I-TRA/ACF/PUSH-058 v10	01/11/2023
Parking Position 35	I-TRA/ACF/PUSH-059 v10	01/11/2023
Parking Position 36 – codes D / C	I-TRA/ACF/PUSH-060 v10	01/11/2023
Parking Position 37 – codes D / C	I-TRA/ACF/PUSH-061 v10	01/11/2023

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Parking Position 37A	I-TRA/ACF/PUSH-089 v7	01/11/2023
Parking Position 38 – codes D / C	I-TRA/ACF/PUSH-062 v9	01/11/2023
Parking Position 38A	I-TRA/ACF/PUSH-090 v7	01/11/2023
Parking Position 39 - code D /C	I-TRA/ACF/PUSH-063 v9	01/11/2023
Parking Position 39A	I-TRA/ACF/PUSH-91 v7	01/11/2023
Parking Position 40	I-TRA/ACF/PUSH-064 v10	01/11/2023
Parking Position 41	I-TRA/ACF/PUSH-065 v10	01/11/2023
Parking Position 42	I-TRA/ACF/PUSH-066 v10	01/11/2023
Parking Position 43	I-TRA/ACF/PUSH-067 v8	01/11/2023
Parking Position 43 A	I-TRA/ACF/PUSH-101 v7	01/11/2023
Parking Position 44	I-TRA/ACF/PUSH-021 v8	01/11/2023
Parking Position 45	I-TRA/ACF/PUSH-022 v9	01/11/2023
Parking Position 46	I-TRA/ACF/PUSH-023 v10	01/11/2023
Parking Position 47	I-TRA/ACF/PUSH-102 v6	01/11/2023
Parking Position 48	I-TRA/ACF/PUSH-103 v7	01/11/2023

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5. MODIFICATIONS TRACK

Version	Date	Nature and/or reason for modification
1	01/10/2003	This version replaces all earlier versions of the pushback procedures
2	26/05/2008	Renaming of the document to ER-TRA/ACF/PUSH-001 from ER-TRA/ACF-002 Update of Logo Addition § 2: List of distribution and responsability Complete update of the list of connected documents
3	04/08/2010	Update of the Tarmacs ground marking plan and parking positions 45/46/47/48. Addition of § "The staff will take all possible precautionssafety in general."
4	15/11/2011	Deletion of parking positions F81 (I-TRA/ACF/PUSH-026) and F91 (I-TRA/ACF/PUSH-029) Update of the Tarmac ground marking plan (AP-TRA/SIA/TRA-001) Update of parking position F82
5	10/07/2012	Update of the Tarmac ground marking plan (AP-TRA/SIA/TRA-001)
6	25/04/2013	Update of the Tarmac ground marking plan (AP-TRA/SIA/TRA-001) and parking positions: F11-1-2-3-4-5-6-7-8-9-9A-10-11-11A-12-12A Creation of parking position 6A Deletion of parking position F93 §2 addition of website: These instructions are distributed via the website www.euroairport.com/fr/professionnels/repoussage.html)"
7	19/09/2013	Update of the Tarmac ground marking plan (AP-TRA/SIA/TRA-001) Update of parking positions F8 - F9 Creation of parking position F6A, category C et category D Creation of parking position 23, category C
8	05/02/2014	Update of the Tarmac ground marking plan (AP-TRA/SIA/TRA-001) Update of pushback operations stands 29 to 46 Deletion of parking positions 47 and 48 Insertion of paragraph "Pushback priorities"
9	21/10/2014	Update §2 Pushback priorities: replacement "pushback on to stand 39 (except stands 37/38)" by "pushback towards stand 39 (except stands 38/41/42 and aircraft C category)" Deletion of parking positions 1A-3A-8-9-10-11-12-15-27-29-30-31-32-33-F82-F83-F92 Update of parking positions: 29A-30A-32A-34-35-36-37-40-41-42 Update of the Tarmac ground marking plan (AP-TRA/SIA/TRA-001)
10	22/01/2015	Update of the Tarmac ground marking plan (AP-TRA/SIA/TRA-001) Update § 2 – 1.2: "The anti-icing position" Creation of parking positions 37A-38A-39A-F21 et F22
11	04/03/2015	Update of parking position 24 Insertion of paragraph 1.2 : "Pushbach instructions for stands F1 to F8, 14 to 28 and 43 to 46: the deicing is performed on the parking position." Update of parking positions F8 - F9

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12	15/12/2015	Deletion of parking positions F4 Cat D / F6 Cat D / F6A Cat C / F6A Cat D / F10 Cat D / F12 / 6 / 7
		Update of parking positions F6 Cat C / F7 / F8 / F9 / F10 Cat C / F11
		/ 1 / 2 / 3 / 4 / 5 Cat C / 5 Cat D-E / 6A / 9A / 11A / 12A / 14A / 28A
		Creation of parking positions F5 Cat C / F5 Cat D / F9A Cat D-E-F / 39 Cat D
		Update of the Tarmac ground marking plan (AP-TRA/SIA/TRA-001)
		Update §1 insertion point 1.2 "Self manoeuvring departure"
		Update §2 Pushback priorities
13	01/02/2017	Deletion of parking positions 14 / 16 and 28
		Deletion of parking position 35 code D
		Restart of servicing stand 29
		Update of all parking positions in accordance with the ground marking
		plan Update of the Tarmac ground marking plan (AP-TRA/SIA/TRA-001)
		Update pushback priorities: standard and winter operations
		Replacement of the term "Category" by "Code" according to ICAO
		regulation
		Complete update of the list of connected documents
		Addition § 4: I-TRA/ACF-003 "Description and utilization of the
		apron stands positions" annex 1.
14	09/11/2017	Update pushback priorities, standard and winter operations with
		respect to the new express freight apron:
		pushback instructions towards stand F5 canceled (southern apron) and update of parking positions F1 to F5A.
		- Update of parking positions: F1, F2, F3, F5
		- Deletion of parking F1A
		- Creation of parking positions: F4A, F5A, F11A
		- Restart of servicing stand F4 code D
		Update of the Tarmac ground marking plan
		Update of the description and utilization of the apron stands
		positions
15	28/06/2021	Update pushback priorities and parking stands
	20/00/2021	Update pushback plan of parking positions
16	02/01/2022	Update pushback parking stands
		NB LVP conditions
17	12/12/2022	Update pushback parking stands
		Update pushback plan of parking positions after the project of new
40	20/40/2022	markings on south apron
18	20/12/2022 01/11/2023	Update of parking positions after new RVR<350m conditions
19 20	10/01/2025	Update of parking positions after new RVR<550m conditions Removal of parking position n°23
	10/01/2025	Removal of parking position if 25