

FLIGHT PLAN INITIALIZATION THROUGH ACARS OR ATSU

REQUEST FOR ACTIVE FLIGHT PLAN INITIALIZATION BEFORE ENGINE START

Before engine start, the pilot may request a route for the active flight plan. When the route is received, "ACT RTE UPLINK" message is displayed on the MCDU indicating that the flight plan has been received and automatically inserted.

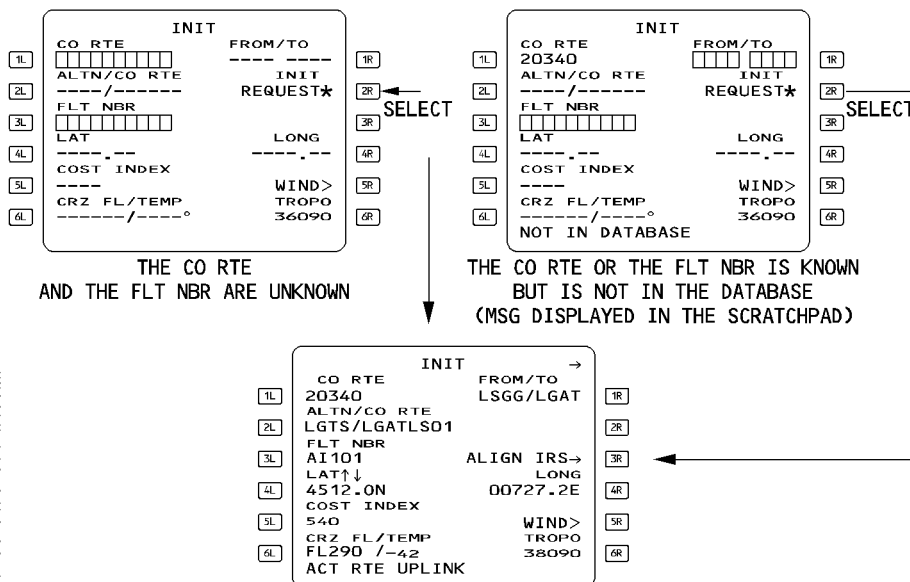
After engine start, it is not possible to initialize directly the active flight plan since the received flight plan is automatically routed into the secondary, and the MDCU displays "SEC RTE UPLINK".

PROCEDURE

- PRESS the INIT REQUEST * prompt.
 - The start (*) disappears, all data fields are dashed except :
 - CO RTE, FLT NBR if previously displayed and
 - default values.

The star is not displayed when the FMGS cannot communicate with the ACARS. No request can be sent.

When an active flight plan exists, INIT REQUEST prompt is removed from the active INIT page and no request can be sent for the active flight plan. If a flight plan is entered manually after the request, the uplink message is routed to the secondary.



REQUEST FOR SECONDARY FLIGHT PLAN

A request for secondary flight plan can be initiated anytime. Any flight plan received after engine start is automatically routed into the secondary flight plan.

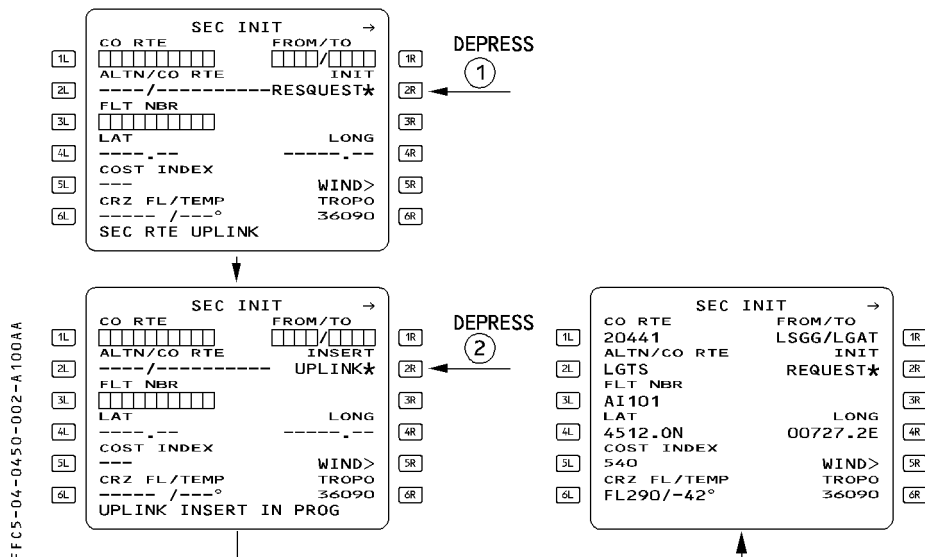
When the flight plan is received, a message "SEC RTE UPLINK" is displayed on the MCDU scratchpad.

The secondary route is stored and not processed until it is inserted by the crew.

PROCEDURE TO INSERT OR REJECT A SECONDARY FLIGHT PLAN

When the uplink message is received, the INIT REQUEST prompt of INIT A page is replaced by INSERT UPLINK (2R field). Pressing the 2R key will insert the flight plan into the secondary. Clearing the prompt will reject it.

If a temporary flight plan or a DIR TO is in progress, the uplink insertion is not accepted until the temporary flight plan or the DIR TO is completed.



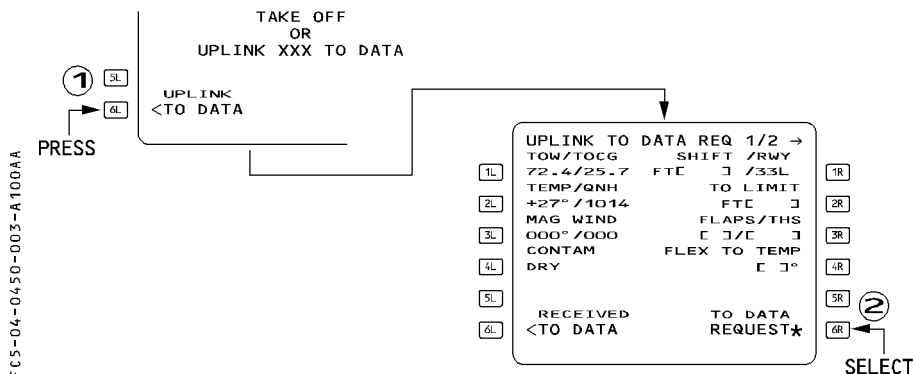
TAKEOFF DATA

The takeoff data may be requested in preflight or done phase for the active flight plan only. It is always associated with the active flight plan message.

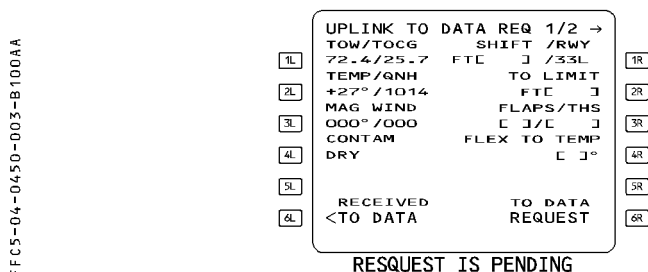
REQUEST FOR TAKEOFF DATA

In order to obtain takeoff data from the ground station :

- SELECT the PERF TAKEOFF page or UPLINK XX TO DATA page.
- PRESS [6L] key.
- SEND the request by pressing “TO DATA REQUEST” [6R] key.

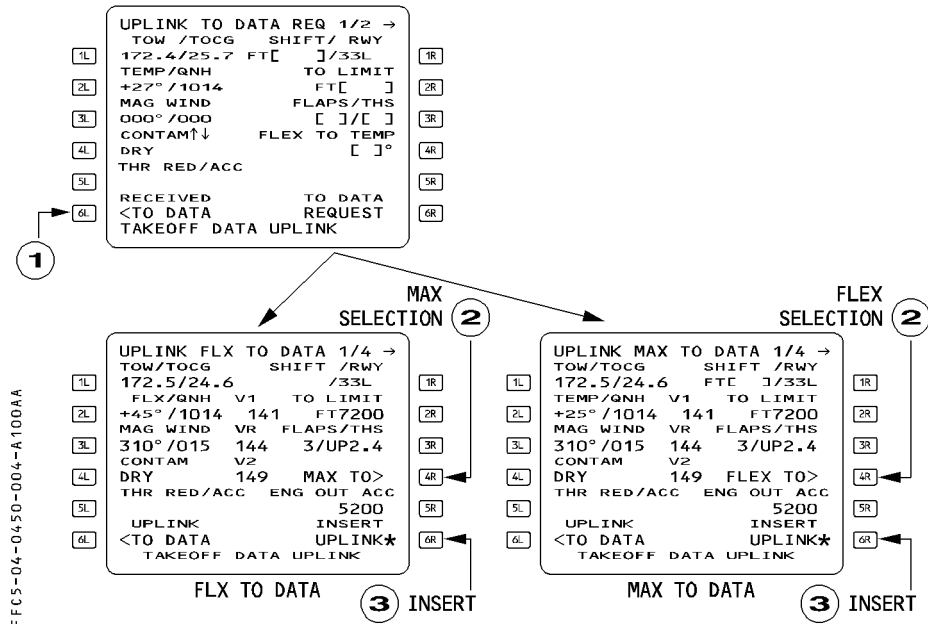


When TO DATA REQUEST is sent, data of the TO DATA REQ page are locked in and the star displayed on 6R field is removed.



PROCEDURE TO INSERT OR DELETE UPLINK TAKEOFF DATA

- PRESS the 6L key “RECEIVED TO DATA” when the message TAKEOFF DATA UPLINK is displayed.



This displays the uplink data on 2 different pages :UPLINK MAX TO DATA

UPLINK FLX TO DATA

- SELECT the data corresponding to the thrust to be used (MAX or FLEX or DERATED) by pressing [4R]
- SELECT the active runway data by slewing the pages (1/4... 4/4).
- PRESS the [6R] key “INSERT UPLINK”

UPLINK MAX TO DATA, UPLINK FLX TO DATA and UPLINK DERATED TO DATA pages are not modifiable.

If the takeoff data displayed on this page are not relevant to the active runway entered in the flight plan, the INSERT UPLINK prompt is not displayed.

To delete an uplink takeoff data message :

- CLEAR the 6L field.

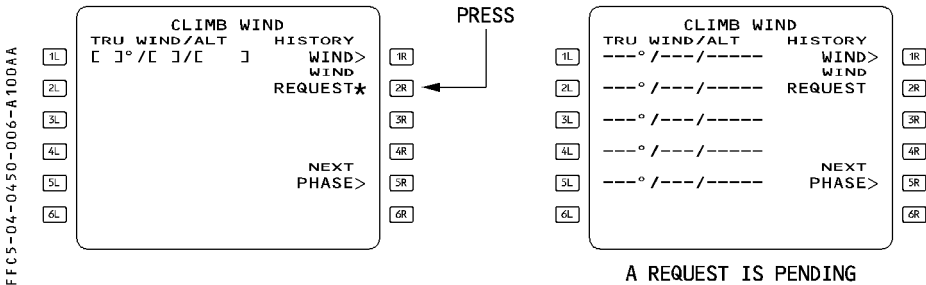
When the takeoff data have been inserted, the PERF TO page is amended of the new data.

	TAKE OFF		
1L	V1	FLP RETR RWY	1R
	141	F=142 33L	
2L	VR	SLT RETR TO SHIFT	2R
	144	S=178 FTE 3★	
3L	V2	CLEAN FLAPS/THS	3R
	149	0=210 3/UP2.4	
4L	TRANS ALT FLEX TO TEMP		4R
	5000 E 3°		
5L	THR RED/ACC ENG OUT ACC		5R
	2500/3500 5200		
6L	UPLINK	NEXT	6R
	<TO DATA	PHASE>	

WIND DATA

REQUEST FOR WIND DATA

- To send a wind request, press the “WIND REQUEST” selection key of any wind pages. This request is automatically sent to the ground for one or more flight phases and for the selected flight plan (primary or secondary). The content of the wind request message is not dependent on the selected wind page (CLIMB, CRUISE or DESCENT) but on the flight phase in progress.
- For active flight plan or secondary flight plan that is a “COPY ACTIVE”, a wind request sent by the crew :
 - * during preflight or takeoff phase, initiates a demand for climb, cruise, descent and alternate winds.
 - * during climb and cruise phase, initiates a demand for cruise, descent and alternate winds.
 - * during descent/approach and go around, no wind request is possible.
 - For secondary flight plan that is not a “COPY ACTIVE” there is no restriction linked to flight phase.



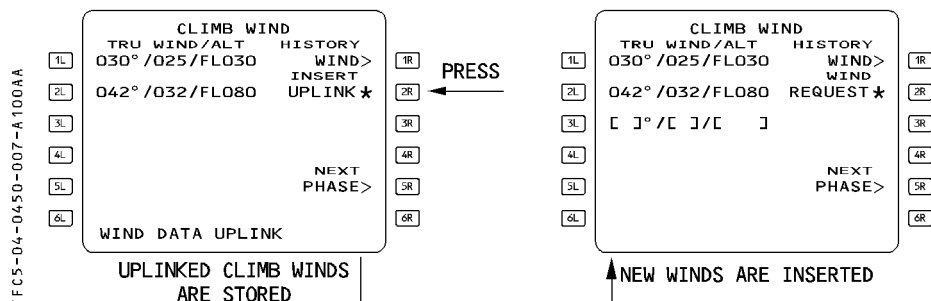
When the amber star following the “WIND REQUEST” is not displayed, the FM is not able to communicate with the ACARS and the pilot cannot send any request. When a temporary flight plan is active or a DIR TO is selected, an uplink message cannot be displayed and the “WIND UPLINK PENDING” scratchpad message remains displayed until the action is completed.

PROCEDURE TO INSERT WIND DATA

When the uplink message is received, the 2R field is modified, amber "WIND REQUEST" is replaced by "INSERT UPLINK*" in blue color. This prompt, when pressed, enables the pilot to insert the uplink wind data, phase per phase.

To access, review, insert or delete the uplink wind data of other phases, the pilot uses "NEXT PHASE" or "PREV PHASE" key.

If the pilot is not satisfied with the uplink winds, he will delete the winds, phase per phase clearing the "INSERT UPLINK" prompt. This will delete all uplinked winds of the selected flight phase.

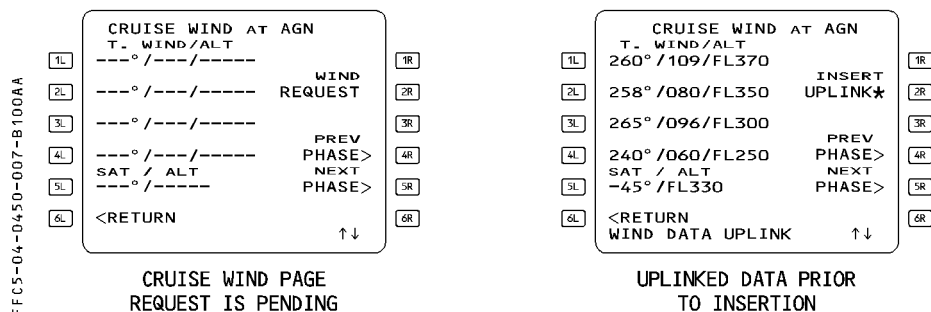


CLIMB WIND page

When a request is pending, the HISTORY WIND page cannot be accessed.

When the climb phase is active, the crew cannot request neither modify the climb winds of the active flight plan or secondary flight plan if it is a copy active.

CRUISE WIND page



- A wind request sent during cruise phase will apply for downpath waypoints of the cruise, descent, approach and alternate phases.
- If the uplink message contains more data and waypoints than the flight plan, the winds at extra waypoints are not considered and automatically discarded. This is transparent to the pilot.
 - Clearing the INSERT UPLINK* prompt deletes all uplink wind data of the cruise phase. Cruise page reverts to the previous data.

DESCENT WIND page

The procedures to insert, review or delete descent winds during preflight, climb or cruise phase are described in the above wind general procedure.

In descent, approach or go around phases, the pilot cannot request or modify the descent winds of the active flight plan or secondary flight plan if it is a “COPY ACTIVE”.

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DESCENT WIND

TRU WIND/ALT

1L ---° / --- / ---

2L ---° / --- / ---

3L ---° / --- / ---

4L ---° / --- / ---

5L ---° / --- / ---

6L ---° / --- / ---

WIND REQUEST

PREV PHASE>

1R

2R

3R

4R

5R

6R

DESCENT WIND PAGE
REQUEST IS PENDING

DESCENT WIND

TRU WIND/ALT

1L 060° / 060 / FL310

2L 060° / 050 / FL200

3L 060° / 020 / FL100

4L 050° / 010 / FL050

5L 065° / 050 / FL250

6L

INSERT UPLINK*

PREV PHASE>

ALTERNATE

ALTN CRZ FL220

WIND DATA UPLINK

1R

2R

3R

4R

5R

6R

UPLINKED DATA
PRIOR TO INSERTION

If the alternate wind is not available, dashes are displayed in the field.