Standard Operating Procedures at Plovdiv Airport

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Airport Information

ICAO: LBPD
IATA: PDV
Transition Altitude: 12000ft
Transition Level: by ATC
Airport Elevaton: 604ft
RWY: 12/30
No radar present – procedural operations in use

Initial Climbs:
- FL140 – RUMEN departures
- FL150 – ROVDO departures

Runway 12:
- Preffered for take-offs
- No STARs
- Preffered approach: RNP-Y approach
- Other approaches: RNP-Z, VOR, NDB
- Preffered RNAV SIDs: RUMEN2B, ROVDO1B
- Preffered non-RNAV SIDs: RUMEN3A, ROVDO2A
- Other RNAV SIDs: RUMEN2K
- Other non-RNAV SIDs: RUMEN3V

Runway 30:
- Preffered for landings
- No STARs
- Preffered approach: ILS-X
- Other approaches: ILS-W, RNP, VOR
- Preffered RNAV SIDs: RUMEN2B, ROVDO1B
- Preffered non-RNAV SIDs: RUMEN3E, ROVDO2E
- Other RNAV SIDs: RUMEN1L, ROVDO1L
- Other non-RNAV SIDs: RUMEN3W

Note: Intersection Departures of jet aircraft from both sides of the runway are prohibited.

Published holding pattern – PDV:
- Min Altitude: 7000ft
- Max Altitude: 11000ft
- Inbound Course: 273
- Leg Time: 1 minute

Arrival Procedures - RWY 12

10nm before passing RUMEN/ADUNO the arrival aircraft will contact Plovdiv Tower. After the aircraft initiates contact with the local controller, if there is no other traffic departing/arriving, the aircraft shall be cleared for an approach and should be given a position to report at (most commonly established on the approach, however the aircraft could be told to report passing a waypoint of the controllers choice).

Note: For ADUNO arrivals, the only applicable approach is NDB.

In the following example, WZZ9BB is 10nm from RUMEN and has just been transferred to Plovdiv Tower.

WZZ9BB*: Plovdiv Tower, Good evening, WZZ9BB 10nm inbound RUMEN passing altitude 12000ft for 11000ft.*
LBPD_TWR: *WZZ9BB, Good evening, Plovdiv Tower, Cleared RNP-Y approach runway 12, descend via the profile, QNH 1013, report on final track.*
WZZ9BB: *Cleared RNP-Y approach runway 12, descending via the profile, QNH 1013, we will report on final track, WZZ9BB*

In case there is another arriving or departing traffic, the aircraft shall be cleared to hold as published and if possible descended to a lower altitude.

In the following example, WZZ9BB is 10nm from RUMEN and has just been transferred to Plovdiv Tower, whilst there is another arrival traffic in the Plovdiv TMA.

WZZ9BB*: Plovdiv Tower, Good evening, WZZ9BB 10nm inbound RUMEN passing altitude 12000ft for 11000ft.*
LBPD_TWR: *WZZ9BB, Good evening, Plovdiv Tower, Proceed direct to PDV VOR and hold as published, descend altitude 9000ft, QNH 1013, traffic is an A320 at 3000ft on final runway 12, report in sight.*
WZZ9BB: *Proceeding direct to PDV VOR and holding as published, descending 9000ft, QNH 1013, we have the traffic in sight, WZZ9BB.*

Note: In case there is departing traffic instead of an arriving one, keep both aircraft at least 2000ft apart whilst assuring that both aircraft have visual contact with each other.

After the airspace is clear of all other traffic except the one holding, the aircraft shall be cleared for the appropariate approach.

LBPD_TWR: *WZZ9BB, via PDV VOR, cleared RNP-Z approach runway 12, descend via the profile,report final track.*
WZZ9BB: *Via PDV VOR, cleared RNP-Z approach runway 12, descending via the profile, we will report final track, WZZ9BB.*

Note: After holding at PDV VOR, aircraft shall be cleared for RNP-Z/VOR/NDB approach, instead of the normally preffered RNP-Y.

Arrival Procedures - RWY 30

10nm before passing RUMEN/ADUNO the arrival aircraft will contact Plovdiv Tower. After the aircraft initiates contact with the local controller, if there is no other traffic departing/arriving, the aircraft shall be cleared for an approach and should be given a position to report at (most commonly established on the approach, however the aircraft could be told to report passing a waypoint of the controllers choice).

In the following example, WZZ9BB is 10nm from RUMEN and has just been transferred to Plovdiv Tower.

WZZ9BB: *Plovdiv Tower, Good evening, WZZ9BB 10nm inbound RUMEN passing altitude 12000ft for 11000ft.*
LBPD_TWR: *WZZ9BB, Good evening, Plovdiv Tower, Cleared ILS-X approach runway 30, descend via the profile, QNH 1013, report established.*
WZZ9BB: *Cleared ILS-X approach runway 30, descending via the profile, QNH 1013, we will report established, WZZ9BB*

In case there is another arrival or departing traffic, the same procedures as written for runway 12 apply, with the exception that after the holding, all arrivals can be assigned (ILS-X, ILS-W, RNP, VOR).

Departure Procedures – RWY 12/30

Up until departure standard TWR phraseology shall be used, with the exception that initial climbs in Plovdiv are as follow:
- FL140 for RUMEN departures.
- FL150 for ROVDO departures.

With the take-off clearance, in addition to the standard phraseology, the aircraft shall be instructed to report passing a certain altitude or waypoint.
- In case there is no other traffic in the airspace, the aircraft shall be instructed to report 10000ft. After passing 10000ft the aircraft shall be transferred to either LBSF_APP (departure via RUMEN) or LBSR_CTR (departure via ROVDO)

In the following example, WZZ6TD is holding short of runway 30 and is cleared for the RUMEN2B departure:

LBPD_TWR: *WZZ6TD, Wind 300@08kt, runway 30, clear for take-off, when airborne report passing 10000ft.*
WZZ6TD: *Cleared for take-off runway 30, we will report passing 10000ft, WZZ6TD.*
WZZ6TD: *Passing 10000ft, WZZ6TD.*
LBPD_TWR: *WZZ6TD, contact LBSF_APP on 123.700.*
WZZ6TD: *Contact LBSF_APP on 123.700, WZZ6TD.*

- In case there is arriving traffic into Plovdiv, the initial climb of the departure aircraft shall be amended to be 2000ft below the altitude of which the arriving aircraft has been cleared to and the departure aircraft shall be instructed to report at the cleared altitude. After departure, the controller must insure that both aircraft have a visual contact of each other. When the departure aircraft reports at its cleared altitude, the controller shall instruct the aircraft to report 10nm from its exit point (RUMEN/ROVDO).

In the following example, WZZ6TD is holding short of runway 30 and is cleared for RUMEN2B departure whilst there is an arriving aircraft approaching the airport.

LBPD_TWR: *WZZ6TD, when airborne stop climb at 8000ft and report when reaching, Wind 300@08kt, runway 30, clear for take-off.*
WZZ6TD: *Cleared for take-off runway 30, we will stop climb 8000ft and we will report when reaching, WZZ6TD.*
WZZ6TD: *Approaching 8000ft, WZZ6TD.*
LBPD_TWR: *WZZ6TD, report 10nm from RUMEN.*
WZZ6TD: *We will report 10nm from RUMEN, WZZ6TD.*
WZZ6TD: *10nm from RUMEN, WZZ6TD.*
LBPD_TWR: *WZZ6TD, contact LBSF_APP on 123.700.*
WZZ6TD: *Contact LBSF_APP on 123.700, WZZ6TD.*