

## ONTARIO INTL (USA (ONT/KONT))

Elevation 944ft

### CATEGORY B

AV brief – NOT AVAILABLE

### GENERAL

- Ontario Intl is 40 nm to the E of Los Angeles Intl.
- Significant EASTERLY variation (14°E).

### Threats

#### CFIT

- E-W range of the San Gabriel mountains rises 6 nm to the N of the airfield, reaching ~5,800ft asl at 8 nm to the N and ~10,100ft asl at 14 nm to the N.
- 6 nm to the E a range of hills reaching ~2,300ft asl lies 1 nm to the S of the extended runway centrelines.
- Further high ground ~3,300ft asl at 16 nm to the ESE and ~4,000ft asl at 16 nm to the S.
- 20 nm to the E the San Bernadino mountains lie N-S across the extended runway centrelines with peaks reaching 11,500ft asl by 38 nm to the E.

#### Loss of Control

- Birds are a hazard.

#### Special Considerations

- Movements at Ontario have to be co-ordinated with Los Angeles Intl and delays should be expected.

### ARRIVAL

#### Diversion Airports

LOS ANGELES	LAX/KLAX	041 nm/260°T	CAT B
SAN DIEGO	SAN/KSAN	082 nm/165°T	CAT B
LAS VEGAS	LAS/KLAS	171nm/045°T	CAT B

### Approach

- Circling is NOT approved to the N of the airfield.
- Side step manoeuvres may be in use on some approaches.
- No approach lighting to Rwy 08R.

### GROUND

A32N A350 B747 B777 B787

Not Applicable

A380

## A380 Parking

- A380 aircraft primary parking positions have been designated by ONT Airport Ops to stage aircraft during Diversion Operations while allowing aircraft to power in and out of each gate.
- Twy “S” spots S801 through S811 are the designated primary A380 parking positions located on Twy S between Twy F and Twy U.
- These positions are intended to stage aircraft in a westbound orientation.
- Primary parking positions are numbered as follow: S801, S802, S803, S804, S805, S806, S807, S808, S809, S810 and S811.
- Parking positions S801 to S805 are located between Twy F and Twy K; positions S806 and S807 are located between Twy P and Twy Q; position S808 is located between Twy Q and Twy T; position S809 and S810 are located between Twy T and Twy S, lastly position S811 is located east of Twy U.
- All A380 aircraft parking position nose markings are in place and positioned to allow the proper positioning of each aircraft in an operationally safe and secure manner.

## A380 Movement Area Restrictions

### Runways

- Runway 08L/26R is approved for A380 arrivals and departures.
- Runway 26R is the designated Primary Runway for A380 arrivals.
- Runway 26L is the alternate runway.
- A380 has been approved to exit Runway 08L/26R at Taxiways N, U, W, and D.
- Runway 08L/26R is restricted to ADG V and smaller aircraft while an A380 aircraft is on Taxiway N.

### Taxiway and Taxilanes

- Taxiways N and S have been approved for full length A380 operations with ONT Airport Operations personnel assistance.
- **ONT Airport Operations personnel assistance is needed for A380 movements on all above mentioned movement areas to monitor vehicle service road encroachment into wing safety areas.**
- Taxiways B, D, U and W have been approved for full length A380 operations with ONT Airport Operations personnel assistance.

### Arrival

- A designated ONT Airport Superintendent of Operations will monitor A380 movements and will be in contact with ONT ATCT personnel and the A380 flight crew on VHF 121.90 for instant communication.

### West Operations

#### Preferred Taxi Route – Rwy 26R to Twy S

- Land Rwy 26R and exits north at Twy D, taxi eastbound on Twy N up to Twy U.

- Upon ONT ATCT instruction, cross Rwy 26R and Rwy 26L and taxi westbound on Twy S into one of the primary parking positions S801 to S811, starting with position S801 and continuing in order or as guided and directed by ONT ATCT and ONT Airport Operations staff.
- ONT ATCT will coordinate all A380 aircraft movement with ONT Airport Operations staff.
- Assuming no taxiway closures required.
- Vehicle Service Road (VSR) closures implemented via rolling road blocks by ONT Airport Operations personnel, as required.

### Alternate Taxi Route – Rwy 26R

- Land Rwy 26R and exit south onto Twy D.
- Upon ONT ATCT instruction, back track Runway 26L, and exit south Twy U, taxi westbound Twy S into one of the primary parking positions S801 to S811, starting with position S801 and continuing in order or as guided and directed by ONT ATCT and ONT Airport Operations staff.

### Preferred Taxi Route – Rwy 26L to Twy S

- Land Rwy 26L and exit north onto Twy D, cross Rwy 26R/08L, taxi eastbound on Twy N up to Twy U.
- Upon ONT ATCT instruction, cross Rwy 26R and Rwy 26L, taxi westbound on Twy S into one of the primary parking positions S801 to S811, starting with position S801 and continuing in order as guided and or directed by ONT ATCT and ONT Airport Operations staff.
- ONT ATCT will coordinate all A380 aircraft movement with ONT Airport Operations staff accordingly.
- Assuming no runway or other Twy restrictions required.
- VSR closures implemented by ONT Airport Operations personnel, as required.

### Alternate Taxi Routes – Rwy 26L

- Land Rwy 26L and exit north onto Twy D, back track Rwy 26R/08L and exit at Twy U.
- Upon ONT ATCT instruction, cross Rwy 26L and taxi westbound on Twy S into one of the primary parking positions S801 to S811, starting with position S801 and continuing in order as guided and or directed by ONT ATCT and ONT Airport Operations staff.
- ONT ATCT will coordinate all A380 aircraft movement with ONT Airport Operations staff accordingly.
- Assuming Rwy 26R/08L closed for aircraft back taxi.
- VSR closures implemented by ONT Airport Operations personnel, as required.

## East Operations

### Preferred Taxi Route – Rwy 08L to Twy S

- Land Rwy 08L and exit Twy U or Twy W.
- Upon ONT ATCT instruction, cross Rwy 08R and taxi westbound Twy S into one of the primary parking positions S801 to S811, starting with position S801 and continuing in order as guided and directed by ONT ATCT and Airport Operations staff.
- ONT ATCT will coordinate all A380 aircraft movement with ONT Airport Operation staff accordingly.
- Assuming no taxiway closures required.

- VSR closures implemented by ONT Airport Operations personnel, as required.

### Alternate Taxi Routes – Rwy 26L

- Alternate taxi routes must be coordinated with and approved by both Airport Operations and ONT ATCT personnel.

### DEPARTURE

- Refer to Navigraph Charts for restrictions on use of taxiways.
- Pilots should use judgemental oversteer on Twy H and Twy J.

### Aircraft Operational Condition

A32N A350 B747 B777 B787

### Not Applicable

A380

### Pre Arrival and Departure Process

- ONT Airport Operations personnel will contact ONT ATCT personnel to confirm the runway assignment and preferred taxi route for each A380 arrival.
- As movement of A380 aircraft requires assistance and support of ONT Airport Operations personnel, it is the responsibility of the Operating Airline to indicate their Runway requirement and taxi route to the on duty ONT Airport Superintendent of Operations at least 30 minutes prior to departure to allow the positioning of necessary staffing to monitor the operation.

### Aircraft Movement on the Airfield

- Per the Modification to Standards (MOS) #2 the A380 is limited to a maximum of 15 MPH when operating on ONT's Twys and Taxilanes.
- Changes to normal departure times must be communicated to the on duty ONT Airport Superintendent of Operations as soon as information becomes available.
- Prior to initiating communications with ONT ATCT personnel, all A380 aircraft must establish contact with the on duty Airport Superintendent of Operations.
- ONT Airport Operations are responsible for providing support for each A380 movement on the airfield to the greatest extent possible based upon then current airport operational conditions and activity.
- ONT Airport Operations personnel will monitor and control VSR traffic at appropriate points to provide the required clearances for moving A380 aircraft.
- Communications with A380 Aircraft will be coordinated with ONT ATCT on frequency 121.90. It will be the responsibility of the airline to monitor this frequency.
- ONT Airport Operations personnel will be available to respond to emergencies and other airfield responsibilities during A380 movements, as required by CFR part 139.303.
- ONT Airport Operations personnel will ensure required aircraft clearances are met by escorting/shadowing the A380 aircraft wingtips and ensuring that VSR traffic and equipment remain clear of minimum distances prescribed in the FAA Modification to Standards.

## West Operations

- Runway 26R is the designated primary departure runway for the A380 aircraft.
- Runway 26L is the alternate departure runway.
- Prior to seeking push back clearances, contact with ONT ATCT on VHF frequency 121.90, must be established for aircraft movement monitoring and coordination with Airport Operations.
- Taxi routes described pertain to aircraft movement to and from the designated parking positions.

## Preferred Taxi Route – S Primary Parking to Rwy 26R

- Taxi westbound on Twy S up to Twy D from Primary Parking Positions S801 to S811 as guided and or directed by ONT ATCT and Airport Operations staff.
- Upon ATCT instruction, cross Rwy 26L and Rwy 26R and taxi eastbound on Twy N up to Twy W, awaiting ONT ATCT departure instructions.
- ONT ATCT will coordinate all A380 aircraft movement with ONT Airport Operations.
- Assuming no other taxiway closures required.
- VSR closures implemented by ONT Airport Operations personnel, as required.

## Alternate Taxi Routes – Rwy 26R

- Alternate taxi routes must be coordinated with and approved by both Airport Operations and ONT ATCT.

## West Cargo Ramp Operations – Taxi Routes

A32N A350 B747 B777 B787

Not Applicable

A380

## Runway 26R to West Cargo Ramp

- Land Rwy 26R and exit north onto Twy D, taxi westbound on Twy N and enter West Cargo Ramp via Twy B.
- Land Rwy 26R and exit north onto Twy D, taxi eastbound Twy N to Twy G, taxi Twy G to designated parking position.

## West Cargo Ramp to Runway 26R

- Taxi out of the West Cargo Ramp via Twy B and taxi eastbound Twy N up to Twy D.
- Upon ONT ATCT instruction, cross Rwy 26R and 26L and taxi eastbound on Twy S up to Twy W.
- Upon receiving ONT ATCT clearance, cross Runway 26L awaiting ONT ATCT departure instruction.
- Taxi out of the assigned parking spot at Twy G via Twy G and taxi westbound Twy N up to Twy D.
- Upon ONT ATCT instructions, cross Rwy 26L and 26R and taxi eastbound on Twy S up to Twy W.

- Upon ONT ATCT instruction, cross Rwy 26L and awaits ONT ATCT instruction for departure.

### Runway 08L to West Cargo Ramp

- Land Rwy 08L and exit south onto Twy U or Twy W.
- Upon ONT ATCT instruction, cross Rwy 08R and taxi westbound on Twy S up to Twy D.
- Upon ONT ATCT instruction, cross Rwy 08R and Rwy 08L, taxi westbound Twy N and enter the West Cargo Ramp via Twy B.
- Land Rwy 08L and exit Twy U or Twy W.
- Upon ONT ATCT instruction, cross Rwy 08R and taxi westbound on Twy S up to Twy D.
- Upon ONT ATCT instruction, cross Rwy 08R and Rwy 08L taxi eastbound Twy N up to Twy G, taxi Twy G up to designated parking position.

### West Cargo Ramp to Runway 08L

- Taxi out of the West Cargo Ramp via Twy B and taxi westbound Twy N awaiting ONT ATCT departure instructions.
- Taxi out of the assigned parking spot at Twy G via Twy G and taxi westbound Twy N, await ONT ATCT departure instructions.

### East Operations

#### Preferred Taxi Route – S Primary Parking to Rwy 08L

- Taxi westbound on Twy S north onto Twy D from the Primary Parking Positions S801 to S811 as guided and or directed by ONT ATCT and Airport Operations staff.
- Upon ONT ATCT instruction, cross Rwy 08R and Rwy 08L and taxi westbound on Twy N, holding short of Rwy 08L awaiting ONT ATCT departure instructions.
- ONT ATCT will coordinate all A380 aircraft movement with ONT Airport Operations staff accordingly.
- Assuming no runway or taxiway restrictions required.
- VSR closures implemented by ONT Airport Operations personnel, as required.

### WEATHER

- Similar to Los Angeles but less susceptible to fog and low stratus off the sea.
- Radiation fog aggravated by smoke is a major problem, particularly during the wet season from November to April. Worst conditions in the early morning.

### OPERATIONAL INFORMATION

Handling Agent	AIRPORT TERMINAL SERVICES
Handling Agent VHF	
Potable Water	Not assessed