|  |  |  |  |
| --- | --- | --- | --- |
| MISSION |  | REGION |  |
| DATE |  | COMPILED BY |  |
| EMAIL |  | PHONE |  |

# Logistics Assessment

## Airport/Airstrip Assessment

| **Final Checklist for Airport Assessment Activities** | | **Done** | **Comments** |
| --- | --- | --- | --- |
| 1 | List and map main air supply routes and update time matrix |  |  |
| 2 | Establish type, volume, weight of cargo to be transported from where to where |  |  |

| **Airport/ Airstrip Assessment** | | | | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Airport name:** | | | | | |  | | | | | | | | **International?** | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | |
| **Airport focal point contact:** | | | | |  | | | | | | | | | **Airport Code (ICAO and/or IATA):** | | | | |  | | | |
| **Location of the airport:** | | | | | |  | | | | | | | | **GPS Coordinates (DDD.dddddd):** | | | | |  | | | |
| **Is the airport fully operational?** | | | | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | **Airside access procedures:** | | | | | | | | |
| **Operational at night?** | | | | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | |
| **If yes operating hours:** | | | |  | | | | | | | | | |
| **What are the existing communications means?** | | | | Radio Room  Mobile phone  Satellite phone  Landline  Other: | | | | | | | | | | | | **Does facility have working surface to air radio communication?** | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | |
| **Operations Support Structures:** | | | | | | | | **Rehabilitation Required?** | | | | | **If structures need rehabilitation, please provide additional details:** | | | | | | | | | |
| **Taxiways** | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | |  | | | | | | | | | | | |
| **Parking areas** | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | |  | | | | | | | | | | | |
| **Cargo storage areas** | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | |  | | | | | | | | | | | |
| **Traffic control tower** | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | |  | | | | | | | | | | | |
| **Services Available:** | | | | | | | | **Services Contact Details:** | | | | | | | | | | | | | | |
| Customs | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | | | | | | | | | | | | | |
| Immigration | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | | | | | | | | | | | | | |
| Cargo Storage facilities | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | | | | | | | | | | | | | |
| Airport security | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | | | | | | | | | | | | | |
| Refuelling | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | | | | | | | | | | | | | |
| **Technical Data:** | | | **Operational** | | | | | **Length (m)** | | | **Width (m)** | | | **Surface** | | | | | **Orientation**  **(direction of landing/take off)** | | | |
| Runway/Landing Strip 1 | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | |  | | | Asphalt  Dirt | | | | |  | | | |
| Runway/Landing Strip 2 | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | |  | | | Asphalt  Dirt | | | | |  | | | |
| Runway/Landing Strip 3 | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | |  | | | Asphalt  Dirt | | | | |  | | | |
| Runway/Landing Strip 4 | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | |  | | | Asphalt  Dirt | | | | |  | | | |
| Runway/Landing Strip 5 | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | |  | | |  | | | Asphalt  Dirt | | | | |  | | | |
| Max aircraft landing/take off distance (m) | | | | | | | | |  | | Aircraft parking area (m2) | | | | | | | | |  | | |
| Max aircraft wingspan/rotor width (m) | | | | | | | | |  | | Number of planes that can be simultaneously parked | | | | | | | | |  | | |
| Helicopter landing capability | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | Parking area conditions: | | | | Unusable  Can be fixed  Usable  Good | | | | | | | |
| **Storage Type** | | | | | | | **Estimated Volume Available (m3)** | | | | **Comments** | | | | | | | | | | | |
| Covered | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | | |  | | | |  | | | | | | | | | | | |
| Apron | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | | |  | | | |  | | | | | | | | | | | |
| Bonded | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | | |  | | | |  | | | | | | | | | | | |
| Climate Controlled | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | | |  | | | |  | | | | | | | | | | | |
| Cold Chain | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | | | |  | | | | Min temp (c) | | |  | | | Max temp (c) | |  | | | |
| **Handling Capacity** | | | | | | | | | | | | **Equipment operational?** | | **Number of operational Units** | | | | **Comments** | | | | |
| Hand loading/offloading | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | N/A | | N/A | | | |  | | | | |
| High loader/container loader | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | |  | | | | Capacity (mt) |  |  | | |
| Belt loader | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | |  | | | |  | | | | |
| Forklift | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | |  | | | | Capacity (mt) |  |  | | |
| ULD Pallet Cart | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | |  | | | | Capacity (mt) |  |  | | |
| Airside truck loading/offloading | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | N/A | | N/A | | | |  | | | | |
| Movable passenger staircase | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | |  | | | |  | | | | |
| Warehouse MHE (hand cart, pallet truck, etc) | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | | | |  |  |  |  | | --- | --- | --- | --- | |  | Yes |  | No | | |  | | | |  | | | | |
| **Other Capacities:** | | External ground power unit  Refuelling tankers  Aircraft pushback/tugs Passenger waiting area | | | | | | | | | | | | | | | | | | | | |
| **Potential Weather Difficulties:** | | Heavy rains  Snow/ ice  Fog  Muddy ground  Sandstorms  Other: | | | | | | | | | | | | | | | | | | | | |
| **Security:** | | Fence  Guards  Light  Alert Procedures  Fire truck/response crew  Communications | | | | | | | | | | | | | | | | | | | | |
| **Vehicle Access to Airport:** | | | | Impossible  Weather dependant  Need rehabilitation  Good | | | | | | | | | | | | | | | | | | |
| Describe any vehicle access constraints: | | | | | |  | | | | | | | | | | | | |

### Where can you find information on airports?

<http://www.azworldairports.com/cfm/homepage.cfm>

<http://worldaerodata.com/>

<http://distancecalculator.globefeed.com/Country_Distance_Calculator.asp>

<http://log.logcluster.org/operational-environment/air-operations/index.html>

<http://www.logcluster.org/tools/lca>

National Civil Aviation website

Ministry of transport

The LCA

### Useful tips:

Contact the National Civil Aviation authority in order to study the national requirements and regulations.

Check if military aviation authority has an involvement in the aerial operation.

Verify the operation methods for international, national and cargo flights and the locations of each part.