

CENAC Backgrounder Preferential Runway Utilization

Objective:

CENAC requested the GTAA provide information on the utilization of the Preferential Runway System

Preferential Runway System Overview:

- Between midnight and 06:29, specific runways have been deemed “preferred” as their use has been determined to have the least noise impact on neighbouring communities.
- Runways are assigned based on the following factors: wind direction and wind speed, runway conditions and availability, and operational efficiency.
- Preferential runways are used whenever possible, however other runways may be assigned when the weather conditions or other factors do not support a preferred runway.
- Preferred departures runways in order of priority:
 - 1) Runway 23 2) Runway 33R and 3) Runway 24R.
 - Preferred arrival runways in order of priority:
 - 1) Runway 05 2) Runway 15L and 3) Runway 06L

CENAC Backgrounder Preferential Runway Utilization

Preferential Runway Usage 2010-2012

ARRIVALS USING PREFERENTIAL RUNWAYS			
RUNWAY	2010	2011	2012
5	5005	4600	4563
15L	1640	2118	1945
06L	408	648	473
TOTAL PREF ARRIVALS	7053	7366	6981
% of Arrivals	66%	62%	58%
ARRIVALS USING NON-PREFERENTIAL RUNWAYS			
RUNWAY	2010	2011	2012
06R	12	85	24
23	2940	3432	4410
24R	297	394	364
24L	2	272	15
33R	285	201	204
33L	76	81	94
15R	0	9	2
TOTAL NON-PREF ARRIVALS	3612	4474	5113
% of Arrivals	34%	38%	42%
ALL ARRIVALS 0000-0629	10665	11840	12094

DEPARTURES USING PREFERENTIAL RUNWAYS			
RUNWAY	2010	2011	2012
23	1947	2028	2531
33R	1980	1936	1522
24R	54	151	54
TOTAL PREF DEP	3981	4115	4107
% of Departures	89%	85%	86%
DEPARTURES USING NON-PREFERENTIAL RUNWAYS			
RUNWAY	2010	2011	2012
5	332	410	456
06L	102	191	129
06R	1	54	15
15L	57	83	64
15R	0	0	8
24L	0	34	1
33L	28	10	26
TOTAL NON-PREF DEP	492	738	672
% of Departures	11%	15%	14%
ALL DEPARTURES 0000-0629	4473	4853	4779