British Columbia CFB Chilliwack

CFB Comox

CFB Esquimalt

CFS Kamloops

CFS Aldergrove Ships Afloat West

Northwest Territories CFS Inuvik

CFS Holberg CFS Baldy Hughes

CFS Ladner

CFS Masset

CFS Alert

250

64

65

51

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17

2895

Military Civilian

1563

1564

3023

140

143

121

39

76

1693

167

1370			
	Ques	stions	Ciilian
D	nd Stations	Military	Porgonne
	iu Stations	reisonner	1 ersonne
Quebec		1100	991
	agotville		231
CFB M	ontreal	1537	2819 402
	. Hubert	1689	
CFB St		972	681 814
	alcartier	3019	100
	al d'Or	326	82
	Macaza	255 135	74
	nibougamau	177	80
	nneterre	183	71
	ont Apica	162	83
CFS M		133	76
	ac St. Denis	199	10
Ontario			
CFB B		3958	1596
CFB C		978	272
CFB K CFB L	ingston	3078	1313
CFB L	ondon	1440	1020
CFB N	orth Bay etawawa	1299	398
CFB P	etawawa	2975	716
CFB R	ockcliffe	6033	5266
	oronto	1831	1392
CFB T		3232	809
	plands	1793	267 73
	oosonee	129	84
	ymount	152	75
CFS Fa	alconbridge	134	68
CFS R	amore	128	62
CFS L		135	55
CFS A	rmstrong	144	52
	oux Lookout	127 248	26
	loucester	129	108
CFS L		38	375
CFS C		48	15
CFS C		10	10
Manitoba			
CFB G	imli	870	218
	ortage la Pra	irie 724	204
CFB R		753	221
CFB S		908	460
	7innipeg	3143	836
CFS G	ypsumville	155	76
	lin Flon	42	1
CFS B	eausejour	118	56
Saskatch	ewan		
CFB N	Ioose Jaw	1205	357
CFS D		161	64
CFS Y	orkton	143	73
CFS A	lsask	145	66
Alberta			
CFB C	algary	2409	724
	old Lake	1841	321
	dmonton	2036	826
	enhold	333	208
	eaverlodge	127	52
	008 1		

[Mr. Groos.]

AIR POLLUTION FROM AIRCRAFT ENGINES

Bases and Stations Personnel Personnel

Question No. 184-Mr. Gillespie:

- 1. How is the degree of air pollution from aircraft engine exhausts determined and what measurements are made?
- 2. What is considered a dangerous level of concentration?
- 3. Have measurements been taken at Malton International Airport and, if so, what are they?

Hon. John C. Munro (Minister of National Health and Welfare): 1. Air contaminant emissions from aircraft engines are similar to those from other combustion sources, especially motor vehicles. The degree of air pollution is, therefore, measured with the same kind of instrumentation as is used in the general assessment of community air pollution problems. The important constituents of aircraft engine exhausts are particulates, carbon monoxide, nitrogen dioxide, hydrocarbons, and aldehydes.

- 2. Exposure of persons working near aircraft engine exhausts is limited by tolerance to concentrations of either carbon monoxide or nitrogen dioxide. Concentrations of 50 parts per million carbon monoxide and 5 parts nitrogen dioxide are not considered injurious to health in continuous exposure at work for an eight hour day, five days a week.
- 3. No air pollution measurements have been made at Malton airport by air pollution officers of the occupational health division, Department of National Health and Welfare, or the Ontario air pollution control service.