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Lodestar DC3 Beech  
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## Toledo

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Bendix  
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or  
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# aviation intelligence

► PSC Applied Research, Toronto, has a \$3 million RCAF order for its new Mk 11 R-Theta navigation computer as CF-100 equip-  
ment. Research has brought outstanding weight and size reduction  
over the Mk 1's. Company is now said debating merits of  
expansion to provide full production within the firm, or extensive  
sub-contracting to permit firm to remain comparatively small,  
flexible.

► Avro Aircraft's CF-100 development will continue to further  
versions. One will include the Orenda engines with afterburners.  
Another will be the CF-100 armed with guided missiles.

► Quebecair has definitely ordered two Fairchild F-27 Friendships  
for delivery early in 1958 with two more optioned. Order is worth  
\$1,300,000. Rimouski based Quebecair has a fleet of eight DC-3's,  
one Beech D-16 and two Cansos.

► Canadian Pacific Airlines will start three a week Toronto-Mexico  
City service November 21.

► RAF winter visitors to Namao for winterization trials this year  
will include two Vickers Valiants, two English Electric Canberras  
and possibly one Gloster Javelin.

► DEW Line news is the requirement for more intermediate stations  
to fill in the gaps and continuation of the system down the  
Labrador coast. The U.S. Government will foot the bill. No de-  
cision has yet been made on proposed "Frost Line." Another  
interesting feature concerning northern developments is steady  
pushing to get a scatter-type communications system established  
in the north pending further development of Ferranti's "Project  
Janet" long-range communications system using meteor trails.  
It's understood the USAF has already established a scatter system  
in Alaska and would like to see it pushed across the Arctic.

► U. S. adoption of the VOR-TACAN airways navigation system,  
now tagged VORTAC, has had no official reaction from Ottawa.  
The Canadian Government, meanwhile, is continuing with its  
program of establishment of VOR airways installations.

► RCAF is understood to have at last made a decision to go UHF  
and is presently engaged in evaluating available equipment.

► Temco's Model 51 jet trainer has just been evaluated by the  
RCAF. This tandem style trainer has been highly rated as a sim-  
plified jet trainer which is in the elementary class. It has attracted  
quite a bit of attention because it is cheap to build, by North  
American standards. This marks the last of a long list of jet  
trainers evaluated by the RCAF: Hunting Percival Jet Provost;  
Fouga CM 170, Beech Jet Mentor, Beech MS 760, Fokker S 14.

► Astra is the name of the integrated electronic weapons system  
which the Radio Corporation of America and Minneapolis-Honey-  
well Regulator Co. is developing for the RCAF's new Avro CF-105  
delta-wing long-range fighter. (See Aviation Intelligence, August  
issue).

► Trans-Canada Air Lines is understood to have at last decided to  
install auto-pilots in its Viscounts with the choice being the Collins  
AP-101 which includes the FD-105 flight director. The Collins  
FD-104 integrated flight system will also be installed.