

Helicopter Operational Test and Evaluation Facility



Change of Command

1 November 1996



CHANGE OF COMMAND

The Change of Command Ceremony is a time-honoured tradition which restates the continuity and authority of command.

It symbolizes the transfer of authority and responsibility from one Commanding Officer to another.

FORMER HOTEF OFFICERS IN CHARGE

Maj H.V. Boyko	Oct 79-Jun 81
Maj T.W. Burt	Jul 81-Jul 84
Maj R.L. Isenor	Jul 84-Jul 87
Maj R.A. Irving	Jul 87-Jul 89
Maj J.O.M. Fornier	Jul 89-May 90
Maj G.B. Lewis	Jun 90-Oct 91
Maj G.C. Bristow	Oct 91-Oct 92

FORMER HOTEF COMMANDING OFFICERS

Maj G.C. Bristow	Oct 92 - Jul 94
Maj J.J. McManus	Jul 94 - Nov 96

HELICOPTER OPERATIONAL TEST AND EVALUATION FACILITY

HOTEF was formed at CFB Shearwater in 1979 to conduct operational testing of state of the art military equipment for the Sea King helicopter. It's roots are found in Test and Evaluation Squadron 10 (VX-10), the original Royal Canadian Naval Air Group Evaluation Unit, which was disbanded in 1970.

HOTEF's current mandate is to conduct Operational Evaluations of prototype sensors, navigation and aircraft-related equipment for the maritime helicopter community. These evaluations are carried out to assess the operational suitability for a fleet-wide or limited installation in the Sea King helicopter as well as for potential installation in a follow-on aircraft. This testing involves close cooperation with aerospace manufacturers, DND Defence Research Establishments and other military test and evaluation units. HOTEF maintains an operationally ready posture throughout these evaluations and deploys to sea or to test ranges such as Atlantic Undersea Test and Evaluation Center (AUTEC) in the Bahamas when the need arises. The requirement to update both the equipment and tactics used in Maritime Helicopter warfare will continue to test the expertise of our Project Officers while providing exciting challenges over the next decade.

HOTEF currently has 21 personnel on strength: seven pilots, six navigators, one Aerospace Engineer (AERE), three Airborne Electronic Sensor Operators (AESOps), three technicians and a civilian clerk. The unit is comprised of the Commanding Officer, Deputy Commanding Officer, Project Control Officer, two project related sections, operations, and technical support sections.

HOTEF has been assigned 213 projects since its formation and currently has 36 active projects. Some of the current evaluations include: a replacement for the Billy Pugh rescue net, a new ten-man liferaft, the Airborne Data Acquisition System (ACDAS), a variable speed rescue hoist, the Sabre hand-held VHF-FM radio, an improved Forward Looking Infra-Red (FLIR) system and a system to incorporate visible spectrum digital imaging with a portable computer onboard the aircraft. Future projects include: CH124 defence suit evaluation, a new cargo hook, Active Noise Reduction in the cockpit, and an AN/UYS 503 software upgrade.

HOTEF plays a critical role in the development and evaluation of the new and improved systems for the Maritime Helicopter and will continue to fulfil this role in the future.



**MAJOR J. J. MCMANUS, CD
COMMANDING OFFICER
HOTEF**

Major McManus enrolled in the Regular Officer Training Plan of the Canadian Forces in 1972. After graduating from the Royal Military College in 1976 with a BEng. in Mechanical Engineering, he completed Air Navigator Training in Winnipeg, Manitoba and received his wings in 1977.

His first assignment after training was as a Tactical Co-ordinator (TACCO) at HS 443 Squadron, Canadian Forces Base Shearwater flying the CH124A helicopter. During this tour of duty, Lieutenant McManus served with helicopter detachments on board HMC Ships HURON and IROQUOIS. In 1980, he was posted to then VT 406 Squadron Shearwater as an instructor on the Sea King helicopter and as the Sea Survival Training Officer.

In 1983, Captain McManus was selected for post graduate training and attended the United States Navy Post Graduate School in Monterey, California. Upon graduation in 1985 with an MSc. in Oceanography, he returned to HT 406 Squadron Shearwater to instruct Oceanography and Acoustics.

In 1988, he was posted to the Helicopter Operational Test and Evaluation Facility (HOTEF) to conduct the operational evaluation of the AN/UYS-503 Sonobuoy Processing System from HMC Ships NIPIGON and FRASER. This was followed by a technical evaluation of the Helicopter Acoustic Processing System (HAPS). While at HOTEF, he was the Acoustics Section Head.

Major McManus was posted in 1992 to the Directorate Maritime Aerospace Engineering and Maintenance in NDHQ to assume the duties of Helicopter Towed Array Support (HELTAS) and HAPS Project Manager.

On 15 July 1994, he assumed command of HOTEF at 12 Wing. Major McManus, his wife Julianne, and children Olivia and Patrick reside at Shearwater, Nova Scotia. He has been selected to attend the Royal Australian Air Force Staff College in Canberra Australia during 1997.



**MAJOR C.G. NESS, CD
COMMANDING OFFICER
HOTEF**

Major Ness enrolled in the Officer Cadet Training Plan of the Canadian Forces in 1980 as an Air Navigator. After receiving his wings in 1982, he was posted to 407 Maritime Patrol Squadron in Comox BC. during his tour he qualified as a Navigator Communicator, Acoustic Sensor Operator and Tactical Navigator. He also represented Canada at the Commonwealth ASW competition (Fincastle) in 1984 and 1985.

In 1986, Major Ness was posted to 423 Helicopter Anti-Submarine Squadron as a Tactical Coordinator. During his tour in 423 Squadron, he served on board HMC ships PRESERVER, PROTECTEUR, ATHABASKAN and FRASER. While serving on board FRASER, he worked closely with HOTEF to develop tactics and evaluate the prototype of the current HELTAS configured CH124.

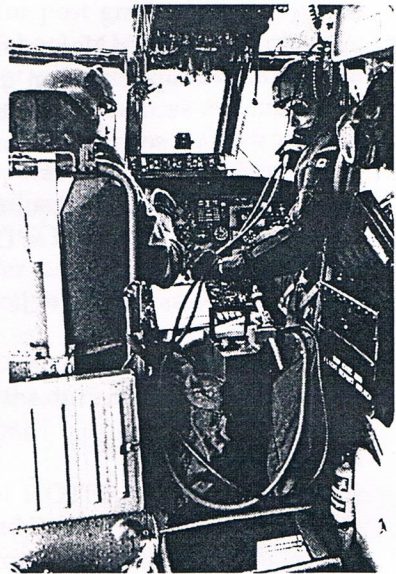
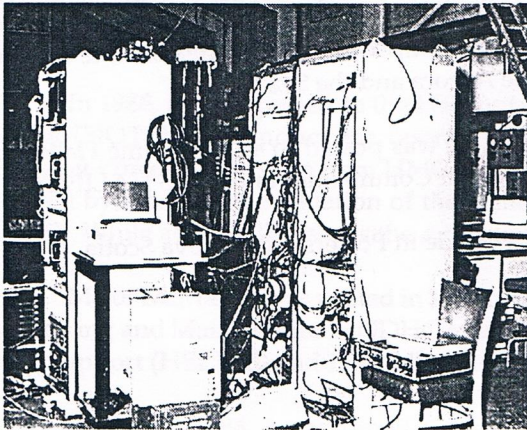
In 1990, Major Ness attended the intensive, year long Aerospace Systems Course in Winnipeg. Upon graduation, he was posted to the Evaluations and Requirements section of Maritime Air Group where he was responsible for non-acoustic mission sensors for both the Aurora and the Sea King.

On promotion to Major in 1994, he was posted to 423 Maritime Helicopter Squadron where he served as Detachment Commander on HMCS HALIFAX.

Major Ness and his wife Vicky reside in Porters Lake, Nova Scotia.



1996 HOTEF Team



Cormorant Sonar and Tesla APU Testing

ON PARADE

Commanding Officer
Assuming Command
Deputy Commanding Officer
Unit Warrant Officer

Maj J.J. McManus, CD
Maj C.G. Ness, CD
Maj A.J. Moore, CD
WO G. Williams, CD

SEQUENCE OF EVENTS

1128 hr	BGen and Mrs Cameron Arrive
1129 hr	Col Aruja and Ms. Chapman Arrive
1130 hr	Maj Ness Arrives
	Inspection by Maj Ness, Maj McManus, Maj Moore and WO Williams
	Sign Change of Command Certificates
	Address by Maj McManus, Col Aruja and Maj Ness
	Maj Ness Assumes Command
	Maj and Ms McManus Depart
	BGen and Mrs Cameron Depart
	Col Aruja and Mrs Chapman Depart
	Guests Depart
	Parade Dismissed

Following the parade, a reception will be held in the Sikorsky Lounge, WO and Sgt's Mess



CH12421 HOTEF's Special Avionics Aircraft