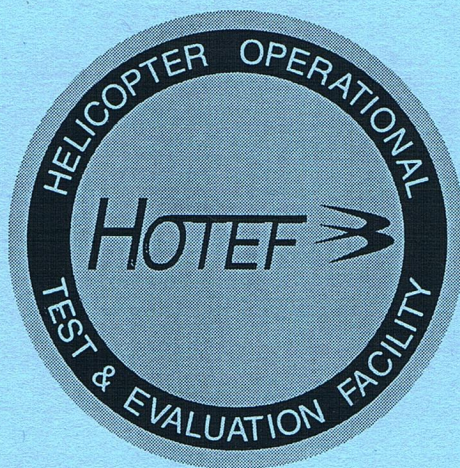


# HELICOPTER OPERATIONAL TEST AND EVALUATION FACILITY



## CHANGE OF COMMAND

15 JULY 1994



## CHANGE OF COMMAND

THE CHANGE OF COMMAND CEREMONY IS A TIME-HONORED 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. Fournier	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
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CH12410 HOTEF'S FIRST SPECIAL AVIONICS AIRCRAFT



## HELICOPTER OPERATIONAL TEST AND EVALUATION FACILITY

HOTEF was formed at CFB Shearwater in 1980 to conduct Operational Testing of state of the art military equipment for the Sea King helicopter. Its 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 mandate is to conduct evaluations of prototype sensors, navigation and aircraft-related equipment for the maritime helicopter community. These evaluations are carried out in order to assess the operational suitability for a fleet-wide or limited installation in the aging Sea King helicopter as well as for potential installation in a follow on aircraft. This testing involves close co-operation with aerospace manufacturers, 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 Centre (AUTEC) in the Bahamas when the need arises. The requirement to update both the equipment and tactics used in helicopter anti-submarine warfare and other missions will continue to test the expertise of our Project Officers while providing them with exciting challenges over the next decade.

HOTEF currently has 18 personnel on strength: six Pilots, six Navigators, one AERE, two Airborne Electronic Sensor Operators (AES Ops), two technicians and a civilian clerk. The Unit is comprised of the Commanding Officer, Project Control Officer, two project related sections and an Operations, Training, and Support section, each with four Project Officers.

HOTEF has been assigned 172 projects since its formation and currently has 30 active projects. Some of the current evaluations include: the Helicopter Acoustic Processing System (HAPS), Battery Start for the CH124 Sea King, Active Noise Reduction system developed by DCIEM, Crashworthy seat cushions, the Airborne Computer Data Acquisition System, the Airborne Integrated MAD System and the 99-channel Sonobuoy Receiver.

HOTEF plays a critical role in the development and evaluation of new and improved systems for the Sea King Helicopter and will continue to fulfill this role well into the future.

**MAJOR GRANT C. BRISTOW, CD  
COMMANDING OFFICER  
HOTEF**

Major Bristow was raised in British Columbia and joined the RCN in 1965 after graduation from high school. He attended CMR as an Officer Cadet in the ROTP and in 1968 moved to RMC in Kingston. He graduated from RMC in 1970 with a B.A.Sc. then commenced flight training at CFB Moose Jaw. After receiving his Wings at CFB Gimli, he went to CFB Portage La Prairie for Basic Helicopter training and then to CFB Shearwater for Sea King helicopter conversion training.

Major Bristow joined HS 50 ASW helicopter Squadron in 1973 and served as an operational pilot until it was disbanded in 1974. He then joined the newly formed HS 423 Squadron and served with it until 1977. During this time, he operated as a member of numerous Helicopter Air Detachments and deployed with most of the Canada's helicopter capable warships. In 1977, he was posted to VT 406, the operational training squadron as pilot instructor.

In 1980 Major Bristow attended the intensive year long Aerospace Systems Course and was then posted back to CFB Shearwater to the newly formed HOTEF. While there, he conducted numerous evaluations of prototype equipment being considered for use by the CF. In 1984 he was posted to the Naval Air Development Center for the United States Navy located near Philadelphia. As Project Officer for the SH-60F helicopter, he monitored the technical compliance of Sikorsky Aircraft Corporation's production of the SH-60F as a replacement for the USN Sea King helicopter fleet.

In 1987, Major Bristow attended the Canadian Forces Command and Staff College Course in Toronto and, upon completion in 1988, was posted to HS 443 Squadron at CFB Shearwater. In 1988, he moved with HS 443 to Pat Bay Airport in Sidney BC as part of the effort to provide dedicated Sea King helicopter support to Canada's West Coast fleet. While there, he served as HMCS HURON Helairdet Commander, Squadron Standards and Readiness Officer and Deputy Commanding Officer. In 1991, he returned to CFB Shearwater as Commanding Officer of HOTEF. Major Bristow, his wife Pamela and two daughters, Laura and Jillian, currently reside in Fall River Nova Scotia.



**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.

Major McManus, his wife Julianne, and children Olivia and Patrick reside at Shearwater, Nova Scotia.





CH12411 HOTEF'S SECOND SPECIAL AVIONICS AIRCRAFT



CH12421 HOTEF'S CURRENT OT&E AIRCRAFT

## ON PARADE

Commanding Officer	Maj G.C. Bristow, CD
Assuming Command	Maj J.J. McManus, CD
Deputy Commanding Officer	Maj R.M. Zellerer, CD
Assuming Position	Maj A.J. Ruiter, CD
Unit Warrant Officer	WO P. Ciraco, CD

## SEQUENCE OF EVENTS

1354 hr      BGen and Mrs Horseman Arrive

1357 hr      Col and Mrs Cody Arrive

1400 hr      Maj McManus Arrives

Inspection by Maj McManus, Maj Bristow,  
Maj Zellerer and WO Ciraco

Sign Change of Command Certificates

Address by Maj Bristow/Col Cody/Maj McManus

Maj McManus Assumes Command

Maj and Mrs Bristow Depart

BGen and Mrs Horseman Depart

Col and Mrs Cody Depart

Guests Depart

Parade Dismissed

Following the parade, a reception will be held in the HOTEF lounge



