



The Manufacturing Society
Northern Lights Chapter # 370

The Northern Light

March 2006 'Happy Chinese New Year!'

Check Out our new Improved Website!!
<http://chapters.sme.org/370/>

New Hyperlink Edition - Please try our new active website and e-mail links.
For improved delivery efficiency, please provide your e-mail address to smenlc@yahoo.ca.

SME Northern Lights Chapter proudly presents



Transport Canada



Mr. Fred Wright from

Transport Canada, Aircraft Certification

Website : <http://www.tc.gc.ca/CivilAviation/certification/menu.htm>

March 8, 2006 at the U of A Faculty Club

Topic : Airworthiness Engineering

About Aircraft Certification

Aircraft Certification establishes and regulates standards for aeronautical products designed and operated in Canada, and guides the aerospace industry with respect to certification in highly technical fields such as aircraft design, structures, avionics; electrical and mechanical systems; power plants; equipment; and engineering flight tests. Each year, more than 1,500 new and modified aeronautical products built or operated in Canada are approved by the branch. This includes reviewing and verifying design and performance data; supervising and performing ground and flight tests; and awarding Transport Canada Type Certificates. Along with the Maintenance and Manufacturing Branch, Aircraft Certification is also responsible for the continuing airworthiness of aeronautical products.

About Mr. Wright

For the last 20 years, Fred Wright's career has centered on ensuring that major design changes to certified aircraft have been safe and in compliance with federal design standards. He began his aircraft engineering career as stress analysis of aircraft structures and composite materials design and development for Canadair (now Bombardier) in 1979. Mr. Wright has worked as an airworthiness engineer, beginning in 1987, and later as superintendent of airworthiness engineering for Transport Canada. Currently Mr. Wright is Regional Manager, Aircraft Certification, Transport Canada (TCCA) for the Prairie and Northern Region.

Mr. Wright graduated from Queen's University with a Bachelor of Applied Science in Mechanical Engineering in 1979. Mr. Wright obtained a private pilot's license in 1974 and a glider pilot's license in 1981. He has also worked with Schlumberger Canada and as a bio-mechanics researcher at the Glenrose Hospital.

About the Presentation

Mr. Wright's presentation will discuss the regulatory environment controlling certification of the design, manufacturing and continuing airworthiness of type certified aircraft in Canada.

WHERE TO GO!

U of A Faculty Club
11435 Saskatchewan Drive
Wednesday, March 8, 2006
Social Hour 5:30 – 6:30 pm
Dinner 6:30—7:30 pm
Presentation 7:45 pm

COST: \$20 members
\$25 guests
\$10 student members
\$15 student guests

Member pricing is always extended to members of other technical societies such as ASM, AWS, CWA, NACE, CSME, ASME, etc.

WHO TO CALL!

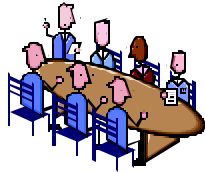
RSVP to SME voice mail at 619-0647 or e-mail smenlc@yahoo.ca by the end of the day Monday, March 6, 2006.



PLEASE DO NOT "REPLY" TO THIS NEWSLETTER

The SME Northern Lights Chapter normally holds technical meetings on the second Wednesday of each month except for the months of April (Capstone Honours – please note change from March to April), July, and August.

Northern Lights Chapter Executive 2006



Chair

Rick Chetram,
rchetram@shaw.ca
NAIT, 471-8739

Chair-elect

Geoff Steele,
gsteeler@vaportechinc.com
VapourTech Energy Services, 485-1906

Past Chair

Andrew Hanson,
andrew.hanson@canada.weatherford.com
Weatherford Wellhead Services, 436-4450

Secretary

Hesham Ahmed
h.ahmed@tinspections.com
T&T Inspections and Engineering, 955-9688

Treasurer

Jason Shewchuk, 984-3186
jason@shewchuk.ca

Vice-Chair, Membership

Mark Lea-Wilson, mark.lea_wilson@natoil.com
National Oilwell, 944-3952

Vice-Chair, Tech Program

Alex Connell, alex.connell@sulzer.com
Sulzer Metco, 992-5117

Vice-Chair, Special Projects

Calvin Austrom, caustrom@masterflo.com
Master Flo Valve Inc, 468-4433

Newsletter Editor

Stephen Parkes shparkes@shaw.ca
LOP Inc, 463-7001

Capstone Committee Chair

Craig Clark, cwclark77@yahoo.com
Weatherford Completion Services, 465-9311

Mailing Address

Society of Manufacturing Engineers
Northern Lights Chapter #370
5328 Calgary Trail South
Box 1333
Edmonton, AB T6H 4J8

Thank you...

for reading the *Northern Light*. If you are interested in presenting at an SME dinner, please contact Alex Connell, alex.connell@sulzer.com. Kindly include the field you are working in and the subject you are interested in presenting to the chapter members and guests. Thank you.

Mark your calendar:

Our next dinner meeting will be held on April 12, 2006.
Watch your email for details.

Reminder:

Students / Student Members that attend SME Dinner meeting have a chance to qualify for a FREE Dinner on SME. Drawn at the end of the meeting.



SME Launches new book...The Society of Manufacturing Engineers (SME) announced the release of *The Hitchhiker's Guide to Lean: Lessons from the Road* www.hitchhikersguidetolean.com, a book that shares lessons learned from real applications and results of applying lean.

Capstones Committee reminder that Awards Ceremony is on April 12, 2006. Contact Craig Clarke for more information cwclark77@yahoo.com

The **SME Member Update** delivers the latest news about opportunities, services and resources to help members experience the full value of their membership— Check out 'Tech Info / Pubs' then E-Newsletters at www.sme.org

Did you Know..?

SME Offers Professional Development in the following areas.

Check Out SME at www.sme.org under Professional Development

- SME Certificate Programs
- Certification
- Corporate & On-site Training
- Jobs Connections
- Online Courses
- Library Resources

Lean Manufacturing E-Newsletter available from SME at www.sme.org

LEAN DIRECTIONS 
The e-Newsletter of Lean Manufacturing

Remember to keep SME information current

- We do not wish any of our members or friends to miss a newsletter. Please make sure to inform the newsletter editor of any changes to your email or employment address.
- If you have any newsworthy stories or information, we would be pleased to include it in our newsletter, subject to editorial approval.
- If you know of anyone who would like to receive this newsletter, please forward his or her address to Stephen Parkes at shparkes@shaw.ca. The best part about it - it's FREE!!
- Your SME Northern Light Newsletter can be viewed online at <http://chapters.sme.org/370/>.