

# Flap Peening Course

## 1 day on-site training



**FAA**  
approved

MFN offers training that is authorised by the FAA

### Concept of the on-site training:

The target group for this education program are organizations, most likely in the automotive, aviation and spring industries, which are involved in the flap peening process. For such an audience MFN will offer a flap peening training for a minimum of 5 people per course per day.

### Who shall attend?

This training is designed to give operators and supervisors theoretical and hands-on training for their activities within a workshop surrounding. For that group of people MFN likes to offer a platform to periodically update and refresh their flap peening knowledge.

### Who designed this training?

A team of MFN trainers from 19 different countries was selected and companies within the peening industry were contacted from around the globe to donate training material and exhibit items. The creation of this program has been a real team effort, not just by the MFN trainers, but also by a number of companies which normally compete against each other. And this is especially worthy of mention - the common understanding that there is a need within the peening industry to establish a qualified training program and to create the spirit to do this together.

### FAA approved Courses:

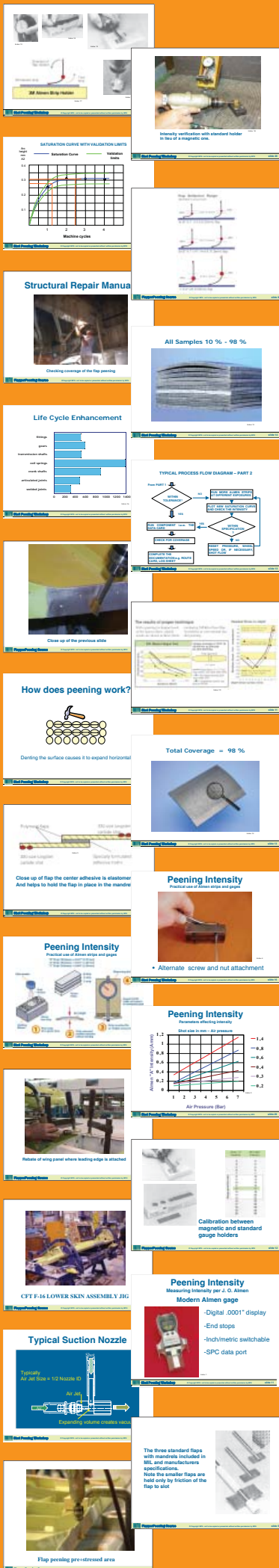
All courses offered during the training are FAA approved. Participants who passed the optional examination receive a "Certificate of Achievement", which has the related FAA identification number on it. The FAA approval gives the courses a general credibility. However, there are a lot of aviation repair and overhaul stations, which do receive frequent FAA audits. Especially those companies will appreciate to have access to a FAA approved shot peening training.

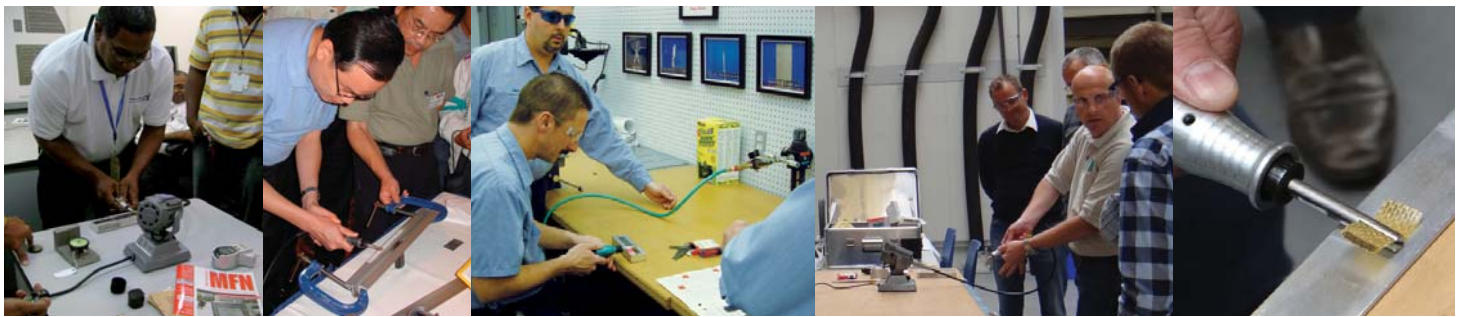
**Meets and exceeds the training requirements of AMS2590**

### General information:

sponsored by  
**3M**

- duration 1 day
- €550/person and course, minimum 5 persons per course
- €100/person for optional FAA certificate of achievement indicating FAA Ref. No.
- including trainings material
- date depends on customer and MFN trainer availability
- price excluding travelling and subsistence





## MFN Flap Peening Course Training Syllabus

Main Topics	Description	Duration
- Introduction to Flap Peening	How peening works; History of Peening; Flap selection; Straightening & forming; Applications	08:45 – 09:30 45 min.
- Flap Peen Intensity & Coverage	What is peening Intensity? Measuring peening intensity; Almen equipment; Saturation curves; Coverage inspection	09:35 – 10:20 45 min.
- Morning Break	Refreshments	10:20 – 10:40 20 min.
- Flap Peen Procedure & Quality Control	Initial intensity & speed; Flap selection; Verification of intensity; Peening Internal diameters; Coverage inspection; Qualification requirements; Specification & Standards	10:40 -11:20 40 min.
- Flap Peen Theory Test	Multiple choice questions; saturation curve construction and analysis	11:25 – 12:00 35 min.
- Lunch Break	Light lunch	12:00 – 12:40 40 min.
- Individual Assessments	AMS 2590 qualification requirement	12:40 – 14:30 110 min.
- Afternoon Break	Refreshments	14:30 – 14:50 20 min.
- Individual Assessments	AMS 2590 qualification requirement	14:50 – 16:30 100 min.



Tel. +41.44.831 2644  
 Fax +41.44.831 2645  
 E-mail: info@mfni.li  
 www.mfni.li



Certificate indicating  
 FAA Ref. No.

Trainers offering the On-Site Flap Peening Courses:

For detailed trainer biographies see [www.mfni.li/trainers](http://www.mfni.li/trainers)



Francois Abadie



Paul Huyton



Giovanni Gregorat



Marco Klijsen



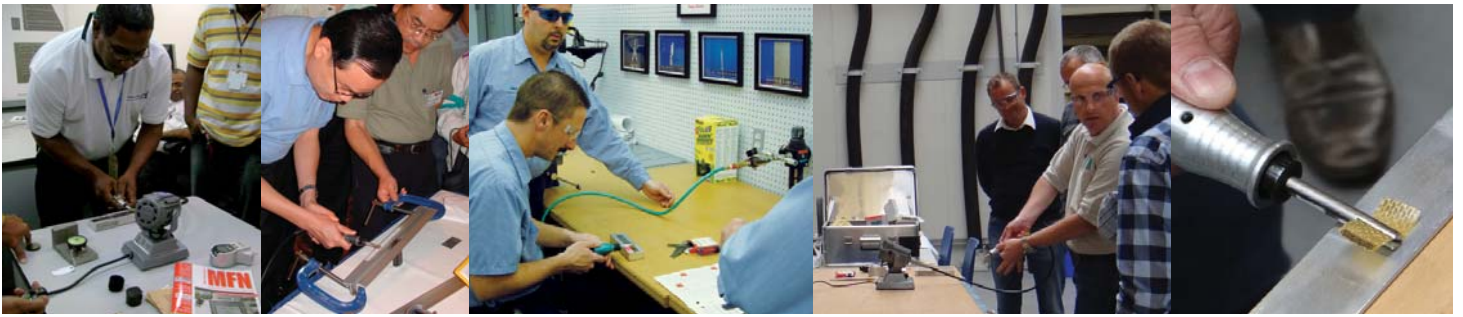
Dan Spinner



Wolfgang Hennig

More about Flap Peening at [www.mfni.li/workshops](http://www.mfni.li/workshops) or also at [www.mfni.li/workshop/handsontaining](http://www.mfni.li/workshop/handsontaining)





**Registration:**

Name of Person placing the Order:	
Company:	Street:
Postal Code:	City:
Country:	Phone:
E-mail:	Fax:
For Europe only - Company VAT Number:	
Flap Peening Course:	No. of People ____ x €550 = _____
Optional Test for Certificate of Achievement:	No. of People ____ x €100 = _____
Total for courses and tests: _____	
Travel Expenses of Trainer for Economic Class Ticket, Hotel, Taxi, and Expenses: _____ (depends on Destination)	



**Registration fax to +41.44.831 2645 (Switzerland)**  
**For questions call +41.44.831 2644 or E-mail: info@mfn.li**

Other Topics on Request! Pictures show training centre in Altana, Germany.



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