

PHOTO TECHNIQUES

GEMINI

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An introduction to Google Gemini

Gemini is an AI tool produced by Google

It can assist in many creative ways

It can generate computer code, images, audio, video

Photo enhancement, research, writing and many other areas
of media production



Gemini – Ability to enhance photos

The first example

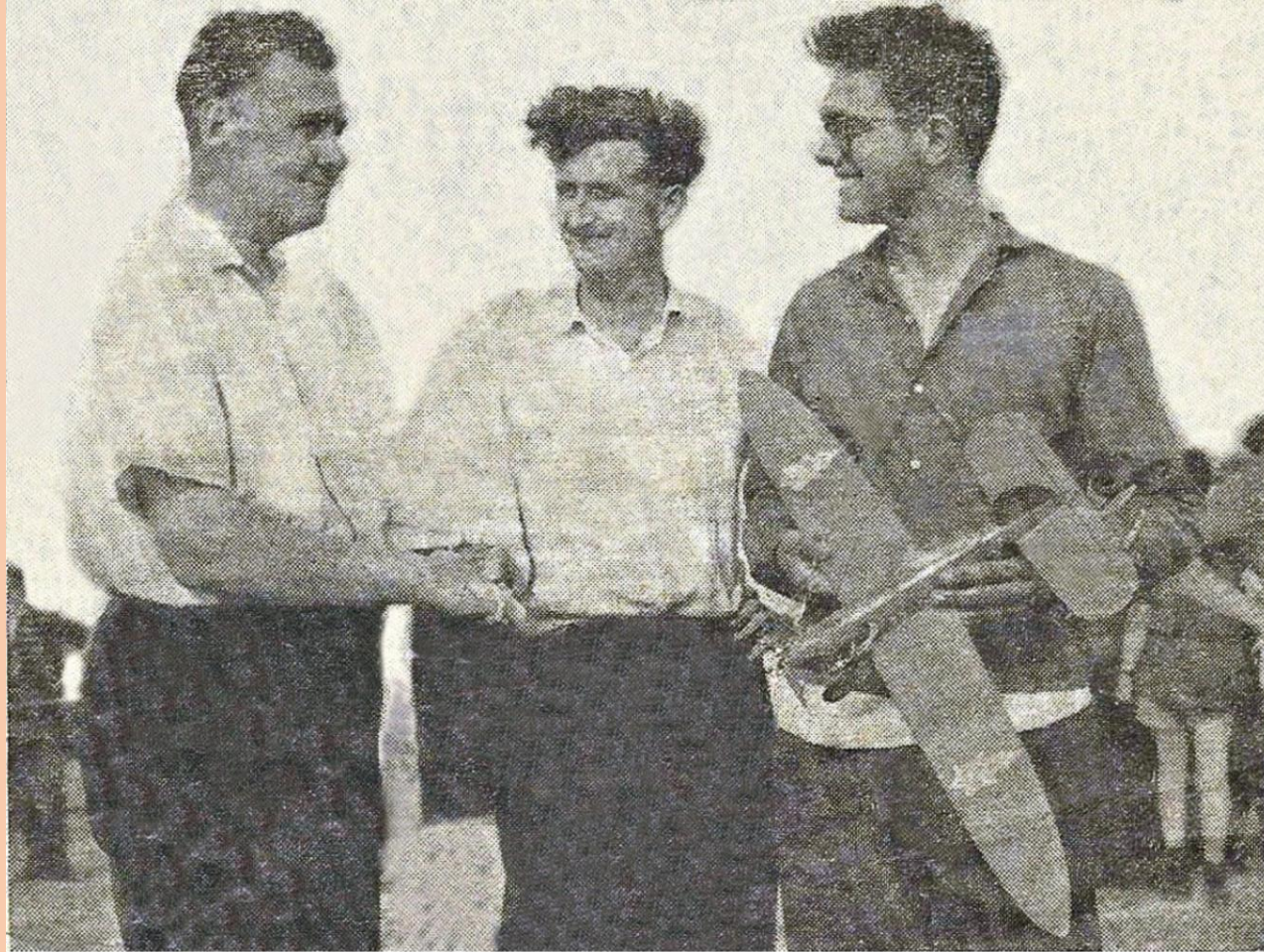
Andrew Longhurst had a photo that needed enhancement.

I used photo editing but with very little success.

Tony Kemp showed how Gemini enhanced an image of a b/w photo in poor condition.

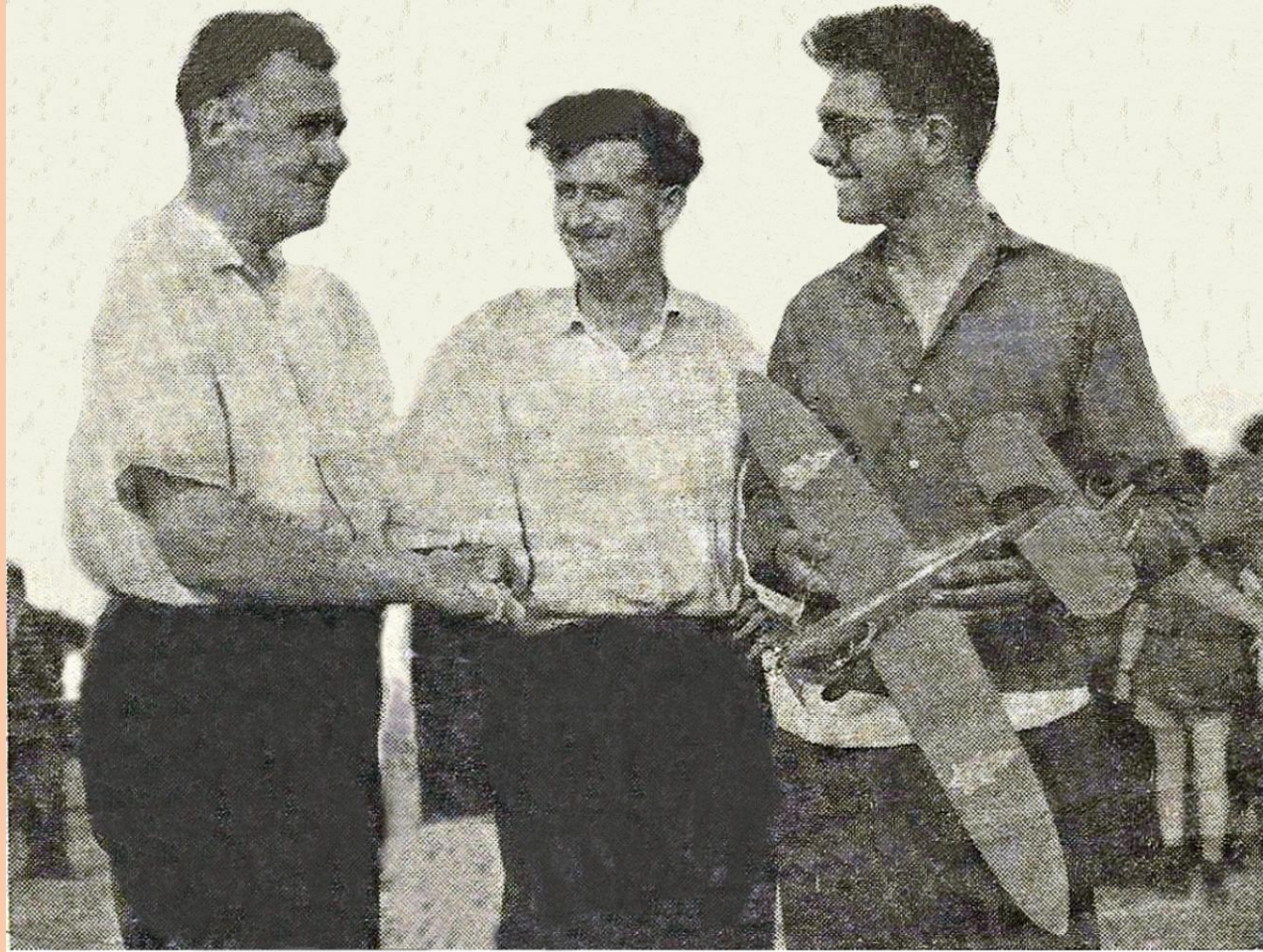
I then used Gemini to enhance Andrew's photo.

Here is Andrew's photo needing some TLC



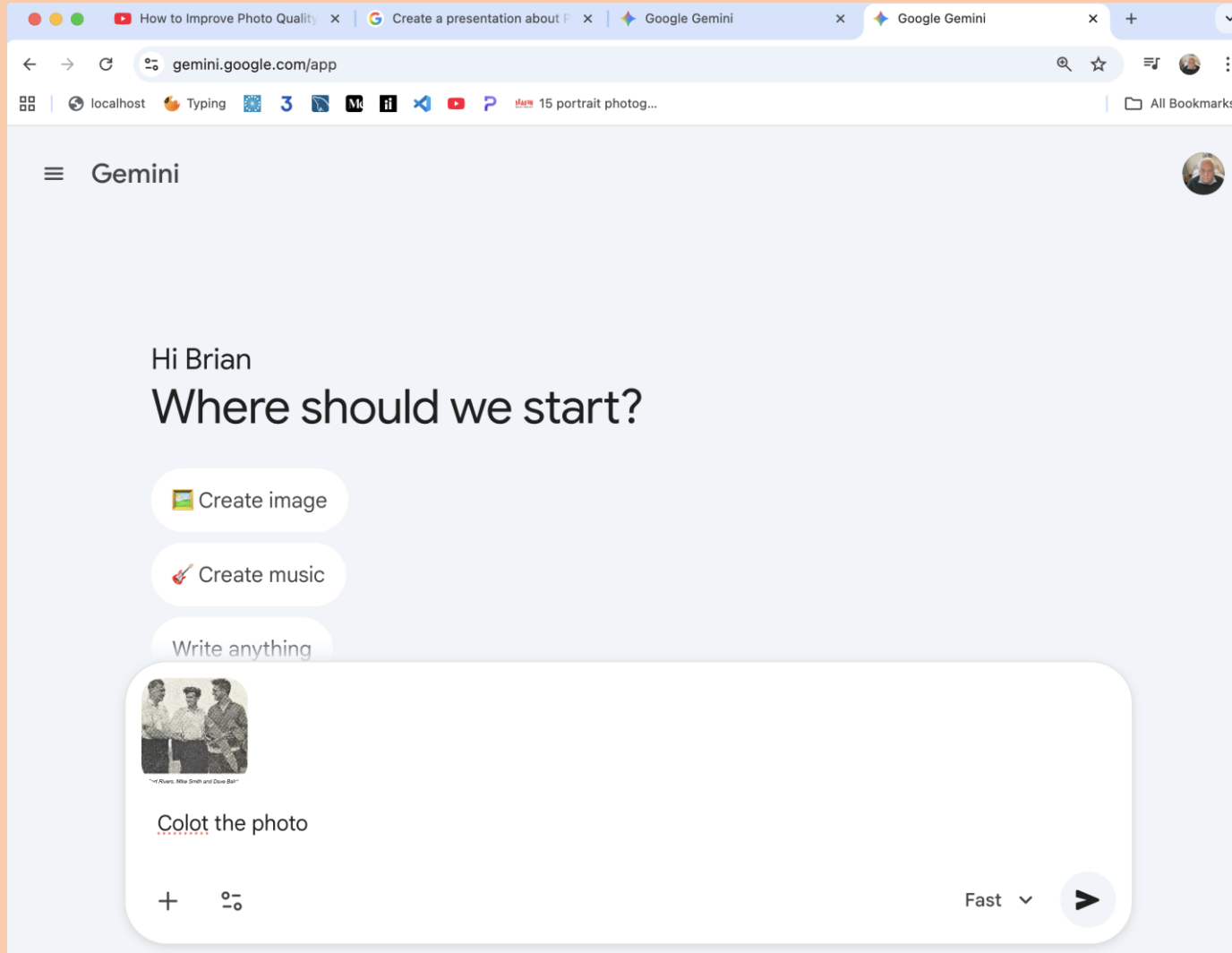
(L-R) Bert Rivers, Mike Smith and Dave Balch, 1960

All I could do was make the sky plain white



(L-R) Bert Rivers, Mike Smith and Dave Balch, 1960

Google Chrome Geman improve photographs



Gemini created this - Fantastic



(L-R) Bert Rivers, Mike Smith and Dave Balch, 1960

Gemini - I used clone tool to repair 2 areas on the wings



(L-R) Bert Rivers, Mike Smith and Dave Balch, 1960

Gemini – Ability to enhance photos

My second example

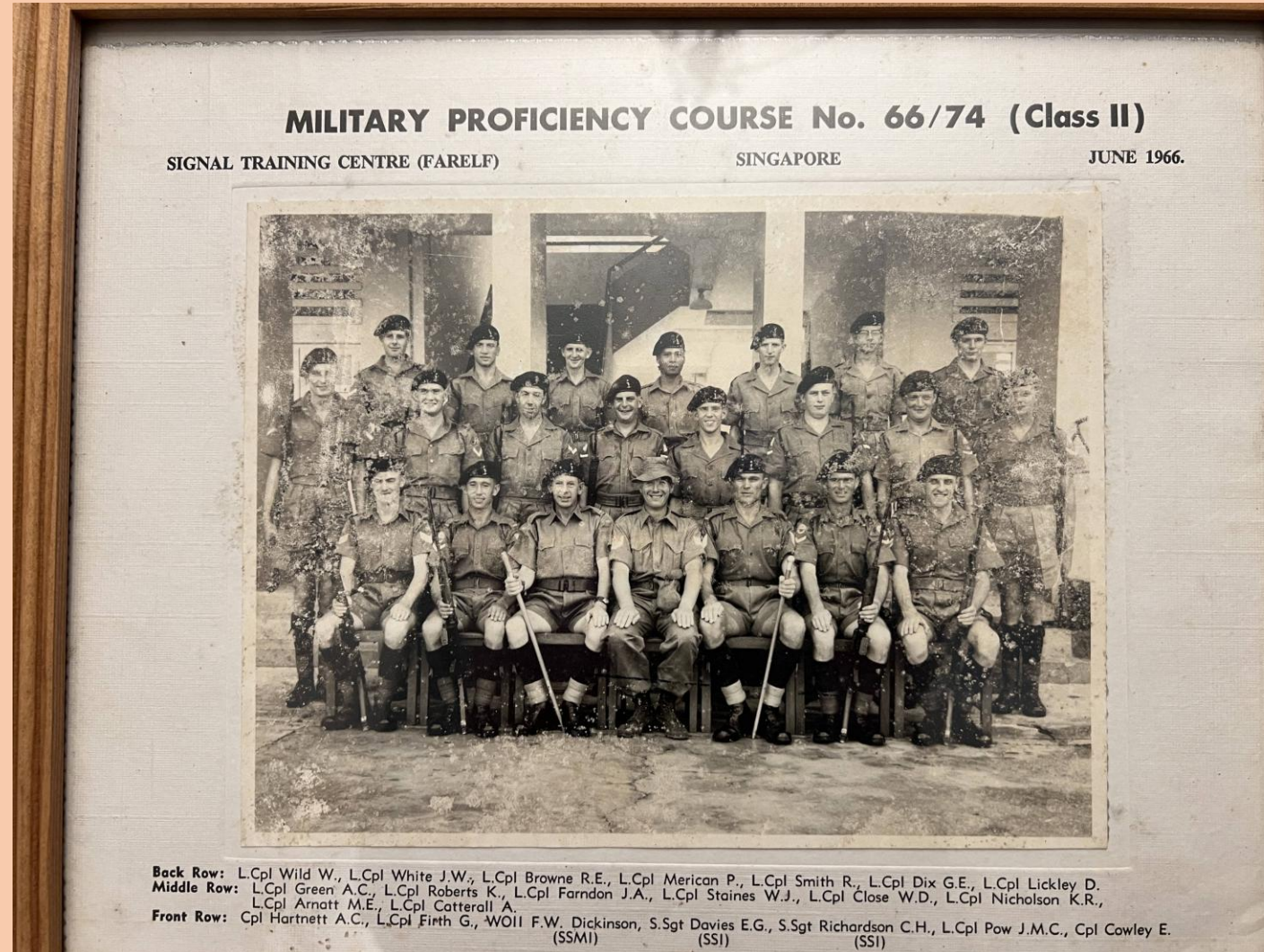
Peter Merrican had a photo of him in his military unit

This photo had faded over the years

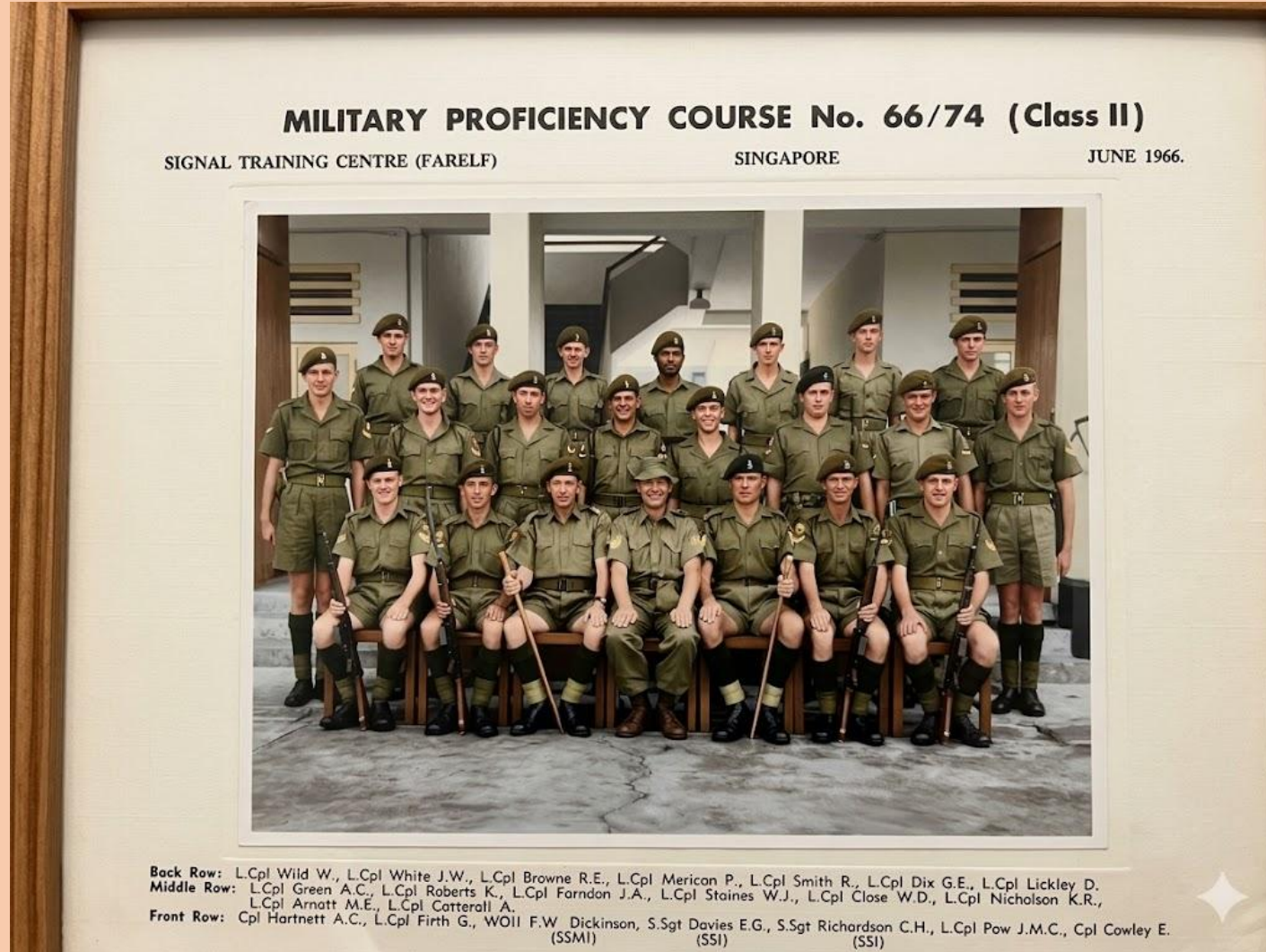
Again, I photographed it with an iphone, tried photo editing

Then used Gemini to enhance the photo. Again excellent

Military group – Original photographed with iphone



Military group – Enhanced by Gemini



Military group – Frame copied and extended



Tony Kemp then showed one of his examples



Prompts entered by Tony are summarized in the text below

“You are an expert at restoring old photo. Restore this old and damaged portrait photo to its original state with high realism and attention to detail. Maintain the subject’s original facial features, expressions, hairstyle, clothing, and background style as close as possible to the original. Remove any damage, stains, or discoloration, but preserve the vintage photographic texture to retain its authenticity. The result should look like a generic studio portrait from the same era, not overly modernized or stylized.”



Brian and Tony – then demonstrated Gemini live

- They showed how to start Gemini
- Imported a photo
- Ran prompts to create the final image
- - eg Just colour the photo
- One does need to practice Gemini
- Gemini does enhance photos very well
- However, the results are not always 100% accurate though usually very acceptable

Gemini – Practice and one can achieve

Gemini can enhance a photo in less than 30 seconds

Achieve results far more quickly by manual means

Improves productivity

Can do many tasks faster than humans

Can do tasks that humans could not

I hope you enjoyed the presentation
and found it interesting.

You probably have photographs that
Gemini can improve

The End