Technical notes

1.1
The photograph overleaf was reproduced in full-colour offset lithographic process on a Heidelberg Speedmaster printing press at Emmerson, Kenilworth, UK.

1.2
The press's optimal output is 15,000 impressions per hour. At this rate, a sheet of paper travels the 11.5 metres from paper feeder to delivery stack in a quarter of a second, moving at approximately 45 metres per second.

1.3
As configured, the press's black ink module was 3.5 metres from the paper feeder.

1.4
The cyan ink module was 4.5 metres from the feeder.

1.5
The magenta ink module was 5.5 metres from the feeder.

1.6
The yellow ink module was 6.5 metres from the feeder.

2.1
The photograph shows, at actual size, a male White-Throated Needletail bird, preserved by taxidermy in the collection of the Auckland War Memorial Museum in Auckland, NZ.

2.2
In level flight — not during a gravity-accelerated dive — the bird can generate speeds of 160 kilometres per hour, approximately 45 metres per second.

2.3
This piece of paper, moving at 45 metres per second, reached the black ink module 0.077 seconds after leaving the feeder.

2.4
The bird, printed in black on this piece of paper, reached the cyan ink module 0.099 seconds after leaving the feeder.

2.5
The bird, printed in black and cyan on this piece of paper, reached the magenta ink module 0.121 seconds after leaving the feeder.

2.6
The bird, printed in black, cyan, and magenta on this piece of paper, reached the yellow module 0.143 seconds after leaving the feeder, and resolved into a full-colour image.

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