

Flight Knowledge Base

Basic Flight Knowledge

Item	Name	Flight Expertise Type	Link(if available)
1	FAA Airplane Flying Handbook	Basic Flight Knowledge	https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/airplane_handbook .
2	FAA Aviation Instructor's Handbook	Basic Flight Knowledge	https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/aviation_instructors_handbook/
3	FAA Instrument Flying Handbook	Basic Flight Knowledge	https://www.faa.gov/sites/faa.gov/files/regulations_policies/handbooks_manuals/aviation/FAA-H-8083-15B.pdf
4	FAA Pilot's handbook of aeronautical knowledge	Basic Flight Knowledge	https://www.faa.gov/regulations_policies/handbooks_manuals/aviation/phak
5	Flight Training Manual	Basic Flight Knowledge	https://publications.gc.ca/site/eng/263554/publication.html
6	CAA Flight Instructor Guide	Basic Flight Knowledge	https://www.aviation.govt.nz/assets/licensing-and-certification/flight-instructor-guide/CAA-Flight-Instructor-Guide-web.pdf

Aircraft Type-Specific Documentation

【Model Type】 : DA40

Item	Name	Flight Expertise Type	Link(if available)
1			

	Standard Operating Procedures –DA40	Aircraft Type-Specific Documentation	https://wwfc.ca/wp-content/uploads/2024/01/2-SOP-DA40-2024-01-1.pdf
2	DA40 Checklists	Aircraft Type-Specific Documentation	https://www.diamondaircraft.com/en/service-and-support/diamond-flight-training/checklists/
3	Airplane Manual DA40	Aircraft Type-Specific Documentation	https://kalmarflygklubb.se/wp-content/uploads/2017/12/DA40-180-Airplane-Flight-Manual.pdf
4	Garmin G1000 Pilot’ s Guide for the Diamond DA40/40F	Aircraft Type-Specific Documentation	https://static.garmin.com/pumac/G1000:DiamondPhase6_PilotsGuide.pdf

Mission Specific Documentation

【Mission Type】 : Steep Turn

Item	Name	Flight Expertise Type	Link(if available)
1	Steep turns (from flight instructor guide)	Mission Specific Documentation	https://www.aviation.govt.nz/licensing-and-certification/pilots/flight-training/flight-instructor-guide/steep-turns/
2	Task A. Steep turns (from FAA Private Pilot for Airplane Category Airman Certification Standards)	Mission Specific Documentation	https://www.faa.gov/training_testing/testing/acs/private_airplane_acs_6.pdf
3	Conquer Steep Turns and Rule the Skies (Step by Step)	Mission Specific Documentation	https://www.pilotmall.com/blogs/news/conquer-steep-turns-and-rule-the-skies-step-by-step
4	AOPA Steep turns	Mission Specific Documentation	https://www.aopa.org/training-and-

			safety/students/maneuvers/skills/steep-turns
5	Flightapprentice blog - How to Fly Steep Turns	Mission Specific Documentation	https://flightapprentice.com/blog/how-to-fly-steep-turns/
6	Mycfibook - steep turns	Mission Specific Documentation	https://mycfibook.com/lesson-plan/steep-turns/
7	Alec Myers Flight Training - Use this Jedi mind trick to fly perfect steep turns	Mission Specific Documentation	https://alecmyersflighttraining.com/info/use-this-jedi-mind-trick-to-fly-perfect-steep-turns/
8	Mark Berry - CFI Notebook Task IX.A: Steep Turns	Mission Specific Documentation	https://cfi.treklog.com/CFI_PTS_ASEL_r6/9_A.html
9	fly better steep turns - Greg Brown's Flying Carpet Blog	Mission Specific Documentation	https://gregbrownflyingcarpet.com/2009/03/31/fly-better-steep-turns/
10	Steep Turns	Mission Specific Documentation	https://www.youtube.com/watch?v=0fJyjBLIG68
11	Steep Turns (Private Pilot Lesson 3g)	Mission Specific Documentation	https://www.youtube.com/watch?v=dBB-lnOYqXo&t=14s
12	【Learn To Fly #11】 RPL / PPL Flying Lesson E11 Steep Turns	Mission Specific Documentation	https://www.youtube.com/watch?v=uWDv6Avkaic
13	CFI Maneuver Lesson - Steep Turns	Mission Specific Documentation	https://www.youtube.com/watch?v=jFgm2H0pRh0&t=724s