DCS Recom	mended Settings	Profile											
Basic Requiren Minimum CPU: Intel or AMD Memory: 16GB Storage: 140GB Recommended CPU: Intel or AMD Memory: 32GB Storage: 300GB	ents 13.0Ghz+ with 2 cores 14.5Ghz+ with 6 cores		Extras: Drivers: up to date; Minimize background programs and proo set DCS at highest priorities through Task Minimize WMR and SVR Windows while Powerful cooling system. Hardware-accelerated GPU scheduling		System Sotup Template : GPU: CPU: Driver staton: HOD Storage:								
Pimax Headset Crystal	System Setup 4090 Bi-11900kF 64Gb RAM DDR4 3800MHz	Graphic Card Setting Nvida: Clichal Settings-Power Management Mode-Piefer Maximum Power	Steam WV Open XR Settings Open XR: Native Resolution CC Responses 70% FFR Off	Pimas/Pay Sottings Everything Dataut Refresh Rate: 00Hz	DCS Settings Testings: Holy Rends High Hartings: Holy Rends High Rends Elucions Secondary Source High Rends Elucions Secondary Source Constraints (1996) Rend Code Settings High Rends High Rends High Rends Members 15 Source MEAA 2: Depth of Reid CM: Clouds: Unit Vesting Rends III: Bald Con Classifications: Third Rends Hearters 1: Source MEAA 2: Depth of Reid CM: Clouds: Unit Vesting Rends III: Source Setting 2: Bald Con Classifications: Third Rends III: Source Setting Hearters 2: Source MEAA 2: Depth of Rends III: Source MeaA Hearters 2: Source MEAA 2: Depth of Rends III: Source MeaA Hearters 2: Source MEAA 2: Depth of Rends III: Source MeaA Hearters 2: Source MEAA 2: Depth of Rends III: Source MeaA Hearters 2: Source 2: Source 2: Source 2: Source 2: Source 2: Sour	Contribute By TailyMouse From Redot nPimax							
BKX	4090 (8-11900kF 64Gb RAM DDR4 3600MHz	Nvidia: Global Settings-Power Management Mode-Prefer Maximum Power	406eg - 14 606eg - 14 806eg - 1/16th	POV Wide Refresh 90Hz	Renterer Mgl, Terreit Hgt, Telfic Lov, Warden Hgt, Telfic Lov, Bakener Hgt, Tell Baldons BD, Co Gradinger, 100 Registry, 1	TalyMouse From Reddt rPimax							
8KX	406011 IB-1900kF 64Gb RAM DDR4 3600MHz	Noidia: Global Settings-Power Management Mode-Prefer Maximum Power	13069 - 1, 5569 - 14, 7069 - 1/168h	FOV Medium Refresh 50Hz	Textures High Terrains Lock Trade: COI Ware House Text Blackows Bio Rouge Hard COI House House Text Blackows Bio Rouge Hard Hard Hard Hard Hard Hard Hard Hard	TallyMuse From Reddt (/Pimax							
Crystal	4070Ti 17-13700F 16G RAM	-62 FPS	Refrech Rate: 2014: Motion Smoothing: Off Redref Reflexition: 4/4, 2007-2072 Advertay Render Quality: Medum Overlay Render Quality: Medum	Refresh Rate: 00H2 Eigh Tracking: Co Render Challity: 1 FFR: Off Smart Smoothing: Off	Texture: High: Tornia: High: Traditic CH Wand: High: Yudih Range Medium: Haat Bilan: High: Bhadows: High: Full Bhadows Barr. Off Backaday: Bhadows: High: Full Bhadows Barr. Off Backada; CH: Depth of Relid: CH Clouds: Standard; StaNa; Error, Parload Radius: 70200; Garma: 2: External field of View: 78%								
	AMD 6900XT	Maximum FPS =45 Anti-lag Disable everything else	Global Resolution: 100% Video Setting per App: 100% Motion Smoothing: Off Advanced Super Sampling: Off	,	Texture: High, USAL CP. J.F. v16, Shadower Fait, Forest Wability: 60%, Visual Range: High, Cloud: Standard								
	308011		Global Resolution: 80%	FOV: Normal Render Quality: 1 FFR: Off PP: Off	Texanore e legit, Ternan Texanore e High; Water e High; Wate Parge High Thouse = High; Texanore High; Water Might Apport Testar: 1777777777777777777777777777777777777								
	2080												
	1080	*											

		e every machine is different. Find a worse case scenario for the GPU or CPU to test.		
>For GPU testing	g I recommend looking at Beyrouth	h on the Syria map to get a worse case scenario GPU wise (with lots of clouds/rain to test cloud settings, at sunset or sunrise to test shadows).		
>For CPU testing	g, a heavy MP server (Blueflag, Enig	gma Cold War etc.) or a heavy singleplayer mission (dozens of Al moving offroad, SAMs searching/firing etc.)		
PS : Intel Present	Mon (recently released in beta) is	a great tool for all GPUs and CPUs to find out what is limiting you (the DCS performance overlay is often wrong in that regard)		
2-I'll only cover s	ome settings which I have found b	e good performance levers with little visual fidelity lost, first video linked below covers the rest in detail		
3-The NVCP has c	only one setting that affects DCS in	v PR, that is V-sync set to "fast" which can improve performance in some specific scenarios. The rest is not working (see 2nd video).		
4-Most if not all ?	settings are GPU performance hits	only. So if you are CPU limited (use PresentMon), turning up settings will not change your FPS.		
5-Most of these 9	settings have performance hits in o	different contexts, which is why again, a "reasonable" worse case scenario should be made up and used for testing		
Option	Recommend	Note		
Water	Low	Water is present under every part of the DCS maps so that setting is another 15% between low and high. It's also a very subtil difference in flight. Not worth it.		
Clouds	High by default, Ultra if performa	Clouds between High and Ultra is 10-15% performance since the difference is the application of AA to them. Definitely one you'll notice either way. Very cloudy missions will kill your frames, plan for it.		
Anisotropic Filt.	16x if not VRAM limited	If you're VRAM limited (3080Ti + 8KX in large FOV runs into the issue. But not the 3090), anisotropic filtering between 2x and 16x has a 15% impact on frames. Test for your machine since otherwise it's free and noticeable		
MSAA	2x	MSAA is "required" to prevent shimmering of cables/fences and such. Note, MSAA can't run at the same time as SSAA in VR (use Pixel Density as a replacement but it is less effective than MSAA)		
view distance	Up to your preference/performan	Costly setting (20% between Low and Extreme) but necessary to not notice trees/buildings popping in too much. Up to your preference. The difference between Extreme and High is large in terms of visuals.		
shadows	Depending on performance	Test at sunset and sunrise to get a worse case scenario, can get quite expensive. Medium seems like a good middle ground.		
Secondary Shade	OFF / Needs testing	Shadows from light sources other than the sun. On the Super Carrier only so far from what I read. Haven't tested.		
Blurred Shadows	Up to your preference	This setting targets shadows from trees (in particular) not being projected onto the ground from far away by blurring them. They almost disappear due to this so either way it's annoying, up to your preference. Costs noth	ing.	
Terrain Textures		Does use more VRAM but makes quite a difference visually. Largely outweights Anisotropic filtering.	1	
Cockpit Textures	High	Whatever the cost this is necessary. Other settings are unusable.		
SSLR	OFF	SSLR is a gimmick but surprisingly cheap (5% ish). It looks good especially on lakes. Not really worth it but up to personal preference. SSLR deals with reflections ("Ray Tracing" like but not as advanced)		
SSAO	OFF	Very subtil. Does have a slight performance impact.		
Global Cockpit III		Very subtil, almost as if it wasn't working properly.		
Heat blur	OFF	Broken in VR (renders in one eye only) + Looks bad with Quad Views DFR		
Lens effects	OFF	Broken in VR (seen in double) + Looks bad with Quad Views DFR. Essentially free however.		
Depth of Field	OFF	This is mostly a cinematic effect (external views) with cinematic performance levels. I'm also not sure it works well in VR. Avoid.		
Preload Radius	Depending on your setup	A lower preload radius helps with RAM usage but requires loading more often. Known to cause crashes below certain settings for some people despite having ample pagefile. At maximum 32GB of RAM is borderline.		
Grass	Up to your preference/performan	Grass has an impact on performance when near the ground (5% ish). Distance is quite small though and even in choppers it goes away quickly.		
Tree visibility	Up to your preference/performan	Tree "growing" distance also has quite a large performance impact (double digit %) in wooded areas however they are very noticeable when "growing". Up to your tolerance. Detail factor can also balance this.		
Useful/Used vide	05 :			
	e.com/watch?v=t6-M_05Kxp8#se	arching		
	tube.com/live/dd6tsxmCosQ?feat			
Much appreciate	d with Rex from Pimax Discord ser	ver.		