Fujifilm X-T5 Field Guide – Quick Reference

X-T5 (APS-C, 40MP, IBIS) • your six XF lenses • landscape, birds, garden, street, airshows and car shows • RAW workflow

Bank / scenario	Lens (primary / alt)	Mode (dials)	Aperture	Shutter	ISO	Focus / Area / Detect	Drive / Shutter type	IS MODE	Metering / EC	WB	Film sim
C1 LANDSCAPE	10-24 / 16-80	A: SS A, f/8, ISO 125/A	f/8	as metered	125 / AUTO1	AF-S, Single Pt	S, 2s timer, BKT	Cont. (off tripod)	Multi	Daylight	Velvia
C2 BIRDS	100-400 / 55-200	M+Auto ISO: SS 1/1000-1/2000, f/5.6-8, ISO A	f/5.6-8	1/1000-1/2000	AUTO2 max 6400	AF-C, Zone, Bird, SET 3/4	CH, MS	Shooting only	Multi -1 to +0.7	Auto	Provia/ Astia
C3 GARDEN	80 Macro / 16-80	A: SS A, f/4-5.6 (f/8-11 macro), ISO A	f/4-5.6; f/ 8-11	1/250+	AUTO1 max 3200	AF-S, Single Pt (MF 1:1)	S/CL, ES	Cont.	Multi/Spot -0.3	Auto/ Shade	Astia
C4 STREET DAY	23 / 16-80	A: SS A, f/5.6-8, ISO A	f/5.6-8	1/250-1/500	AUTO1	AF-C, Wide/ Track, Face/ Eye	S/CL, MS	Shooting only	Multi -0.3	Auto	Cl. Chrome
C5 STREET NIGHT	23 / 16-80	A+Auto ISO: SS A, f/2.8, ISO A; trails M T	f/2.8 (f/4)	1/125	AUTO3 max 12800	AF-S, Single Pt, Face/Eye	S, MS + flicker red.	Cont.	Multi -0.7	Auto/ Kelvin	Cl. Neg
C6 STATIC SHOW	16-80 / 10-24	A: SS A, f/5.6-8, ISO A	f/5.6-8	1/125+	AUTO1	AF-S, Single Pt, Air/Auto	S, MS	Cont.	Multi -0.3	Daylight	Cl. Chrome
C7 AIR FLIGHT	100-400 / 55-200	S+Auto ISO: SS 1/1000-1/2000, ap A, ISO A; props 1/320 ISO 125	floats	1/1000-1/2000; props 1/160-1/320	AUTO2; props 125	AF-C, Zone, Airplane, SET 3	CH, MS	Cont.	Multi +0.7	Daylight	Provia

Read this first. Items marked **[unverified]** and bank columns marked ***** were not confirmed in Fujifilm's X-T5 manual (fujifilm-dsc.com/en/manual/x-t5). Check them on the camera (a bank's EDIT/CHECK list) before relying on them. A bank (C1–C7) never moves the physical dials, so every scenario page lists the **dials to set by hand**. The X-T5 has no mode dial: P/A/S/M come from the shutter speed dial and the lens aperture ring or switch (next page). Lens picks use only the six lenses you own (see the mode page for aperture controls and the polarizer page for filter sizes).

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Before You Head Out

Field notes that apply to every bank.

1. **Protect highlights.** Turn on the live histogram and highlight warning (SET UP > SCREEN SET-UP > DISP. CUSTOM SETTING). White plumage, chrome, neon and sunlit skies clip first; use negative EC and check the RGB channels, not just brightness.
2. **RAW stays flexible.** IMAGE QUALITY: RAW or FINE+RAW, RAW RECORDING: LOSSLESS COMPRESSED. Film simulation, WB, tone and NR only shape the JPEG/HEIF and preview; you can change them all later in the RAW converter. Exposure and motion blur can't be fixed later.
3. **Know your shutter.** MECHANICAL for anything fast or lit by LED/fluorescent light. ELECTRONIC is silent and vibration-free but skews fast subjects (rolling shutter) and bands under flickering light. EF (electronic front curtain) is good for tripod work.
4. **Set the dials, then the bank.** Recall the bank from the Quick Menu, then set the shutter dial, ISO dial, aperture, focus switch and drive dial from the scenario page.
5. **Batteries and cards.** Fast bursts and EVF use drain batteries; carry spares and a fast card for CH bursts.
6. **Climate.** Warm the camera in its bag before entering humid air (humid wetlands, summer evenings); cover it in dust and sea spray.

How to Set the Mode on the X-T5

The X-T5 has no mode dial. Exposure mode comes from the **shutter speed dial** and the lens **aperture ring or aperture switch**; the **ISO dial** sets fixed or Auto ISO.

The Four Modes

Mode	Shutter speed dial	Aperture	Example
P	A	A	shutter dial A, aperture A, ISO dial A
A	A	set (e.g. f/8)	shutter dial A, f/8, ISO dial 125
S	set (e.g. 1/1000)	A	S + Auto ISO: 1/1000, aperture A, ISO dial A
M	set	set	M + Auto ISO: 1/250, wide open, ISO dial A

Dials

ISO dial A = Auto ISO (AUTO1/2/3); a number = fixed ISO. Press the dial lock release to turn the shutter or ISO dial. For in-between speeds (1/320, 1/1250), set the dial to the nearest whole stop and turn the **rear command dial** (1/3 EV steps). The **front command dial** is free in these setups. Leave BUTTON/DIAL SETTING > APERTURE RING SETTING (A) on AUTO so ring or switch on A means automatic aperture **[unverified]** (factory default).

How Each Lens Type Sets Aperture

Lens (filter)	Aperture control	To set an aperture	For aperture A (P / S)	Source
XF10-24mm F4 R OIS WR (72mm)	Marked ring (f-number scale) with an A position, sometimes with an A lock-release	Turn the ring to the f-number	Ring to A	Fujifilm spec
XF16-80mm F4 R OIS WR (72mm)	Marked ring (f-number scale) with an A position, sometimes with an A lock-release	Turn the ring to the f-number	Ring to A	Fujifilm spec
XF23mm F2.8 R WR (39mm)	Marked ring with A and an A lock-release button	Press the lock release, turn off A to the f-number	Ring to A	Fujifilm spec
XF55-200mm F3.5-4.8 R LM OIS (62mm)	Unmarked ring plus an aperture switch (A / aperture symbol)	Switch off A, turn the ring, read the f-number in the EVF	Switch to A	Fujifilm spec; ring type from reviews **[unverified]**
XF80mm F2.8 R LM OIS WR Macro (62mm)	Marked ring (f-number scale) with an A position, sometimes with an A lock-release	Turn the ring to the f-number	Ring to A	Fujifilm spec
XF100-400mm F4.5-5.6 R LM OIS WR (77mm)	Unmarked ring plus an aperture switch (A / aperture symbol)	Switch off A, turn the ring, read the f-number in the EVF	Switch to A	Fujifilm spec; ring type from reviews **[unverified]**

On the 55-200 and 100-400 the aperture is still set on the lens ring, not a command dial. The XF80mm Macro loses about 1 EV of effective aperture at 1:1; the meter compensates.

Custom Settings Banks (C1–C7)

One bank per scenario. Option names from Fujifilm's online X-T5 manual. Columns marked * are reported stored by third-party sources but not listed in the manual; confirm in the bank's EDIT/CHECK list.

Bank / name	Film sim	WB	DR	Highlight / Shadow	Color	Sharp-ness	High ISO NR	Clarity	Image quality	ISO AUTO*	AF MODE*	AF-C set / detection*	Shutter type*	IS MODE*
C1 LANDSCAPE	Velvia	Daylight	DR100	−1 / 0	0	0	−2	0	RAW	AUTO1	Single Point	– (AF-S) / OFF	MECHANICAL	CONTINUOUS
C2 BIRDS	Provia	AUTO	DR200	−1 / 0	0	0	−2	0	RAW	AUTO2	Zone	SET 3 / BIRD	MECHANICAL	SHOOTING ONLY
C3 GARDEN	Astia	AUTO	DR AUTO	−1 / 0	+1	0	−2	0	RAW	AUTO1	Single Point	– (AF-S) / OFF	ELECTRONIC	CONTINUOUS
C4 STREET DAY	Classic Chrome	AUTO	DR200	0 / +1	0	0	−2	0	FINE+RAW	AUTO1	Wide/ Tracking	SET 1 / FACE/EYE ON	MECHANICAL	SHOOTING ONLY
C5 STREET NIGHT	Classic Neg.	AUTO	DR AUTO	−1 / +1	0	−1	−2	0	RAW	AUTO3	Single Point	– (AF-S) / FACE/EYE ON	MECH + FLICKER RED. ON	CONTINUOUS
C6 STATIC SHOW	Classic Chrome	Daylight	DR200	−1 / 0	0	0	−2	0	RAW	AUTO1	Single Point	– (AF-S) / AIRPLANE or AUTOMOBILE	MECHANICAL	CONTINUOUS
C7 AIR FLIGHT	Provia	Daylight	DR AUTO	−1 / 0	0	0	−2	0	RAW	AUTO2	Zone	SET 3 / AIRPLANE	MECHANICAL	CONTINUOUS

Save (verified): MENU/OK > IMAGE QUALITY SETTING > EDIT/SAVE CUSTOM SETTING > CREATE NEW next to C1–C7 > MENU/OK > OK. Saves the current camera settings.

Recall (verified): press Q; top-left slot SELECT CUSTOM SETTING; turn the rear command dial to C1–C7; press Q. Or IMAGE QUALITY SETTING > SELECT CUSTOM SETTING.

Rename (verified): EDIT/SAVE CUSTOM SETTING > bank > EDIT CUSTOM NAME. Max length **[unverified]**.

AUTO UPDATE CUSTOM SETTING (verified): DISABLE so field tweaks don't overwrite banks.

Not stored: any physical control: shutter dial, ISO dial, EC dial, aperture ring/switch, focus-mode switch, drive dial, lens switches, filters. A bank can't set P/A/S/M.

Unsure: whether AF MODE, AF-C CUSTOM SETTINGS, SUBJECT DETECTION, SHUTTER TYPE, FLICKER REDUCTION and IS MODE are stored per bank **[unverified]**; whether AUTO1–3 values are shared across banks **[unverified]** (likely shared: AUTO1 general, AUTO2 action, AUTO3 low light).

DR note: DR200 needs ISO 250+, DR400 ISO 500+ (manual).

Setting Up Your Banks, Step by Step

Menu paths checked against Fujifilm's online X-T5 manual unless marked **[unverified]**.

1. **Stop banks changing on their own.** MENU/OK > IMAGE QUALITY SETTING > **AUTO UPDATE CUSTOM SETTING** > **DISABLE**. Field changes then show only a red dot.
2. **Dial in the scenario** from the banks table and scenario page:
   - **IMAGE QUALITY SETTING:** FILM SIMULATION, WHITE BALANCE, DYNAMIC RANGE, TONE CURVE, COLOR, SHARPNESS, HIGH ISO NR, CLARITY, IMAGE QUALITY.
   - **AF/MF SETTING:** AF MODE, AF-C CUSTOM SETTINGS, SUBJECT DETECTION SETTING, FACE/EYE DETECTION SETTING.
   - **SHOOTING SETTING:** SHUTTER TYPE, IS MODE, ISO AUTO SETTING, FLICKER REDUCTION (C5).
3. **Save.** IMAGE QUALITY SETTING > **EDIT/SAVE CUSTOM SETTING** > **CREATE NEW** next to the empty bank > MENU/OK > **OK**.
   - **Shortcut:** open the Quick Menu (Q), then press and hold Q to jump to EDIT/SAVE CUSTOM SETTING.
   - **Bank already used?** Bank > **EDIT/CHECK**, edit, **SAVE THE CHANGES**; or ERASE and CREATE NEW. One-step overwrite option **[unverified]**.
4. **Rename.** Bank > **EDIT CUSTOM NAME** > LANDSCAPE, BIRDS, GARDEN, STREET DAY, STREET NIGHT, STATIC SHOW, AIR FLIGHT > **SET**.
5. **Check.** Bank > **EDIT/CHECK**: confirm the starred (*) items are listed. Anything missing must be set by hand.
6. **Save time with COPY.** Build C2 BIRDS first (most to set), then EDIT/SAVE CUSTOM SETTING > C2 > **COPY** to C7 and change AIRPLANE, Daylight, CONTINUOUS and DR AUTO. Copy C4→C5 the same way. COPY overwrites the destination and copies the name too, so rename after.

In the Field

1. Press **Q**, highlight SELECT CUSTOM SETTING, turn the **rear command dial** to the bank, press **Q**.
2. Set the physical controls from the scenario page's **Dials to set by hand** row.
3. Red dot after a tweak? Reselecting the bank restores it; to keep the change, EDIT/CHECK and press **Q** on the item.

Back-Button Focus (AF-ON)

Focus moves to the **AF-ON** button (its default assignment); the shutter button only takes the picture.

Where It Helps Most

- **C2 BIRDS and C7 AIR FLIGHT (main use):** in AF-C hold AF-ON to track and release to hold focus, so the shutter never refocuses on reeds, rails or crowd.
- **C4/C5 STREET:** zone focus on the XF23mm F2.8 R WR: focus once at about 3 m with AF-ON, then shoot freely.
- **C1 LANDSCAPE, C3 GARDEN, C6 STATIC SHOW:** in AF-S, focus once with AF-ON and recompose, bracket or stack without refocusing. In M, AF-ON gives a one-time focus (AF/MF SETTING > INSTANT AF SETTING).

Setup

1. MENU/OK > SET UP > **BUTTON/DIAL SETTING > SHUTTER AF** > **AF-S: OFF**, **AF-C: OFF**. Per the manual, OFF means no focus on a half-press.
2. Confirm the AF-ON button is still **AF-ON**: BUTTON/DIAL SETTING > FUNCTION (Fn) SETTING.
3. Optional: BUTTON/DIAL SETTING > **SHUTTER AE** OFF lets exposure keep updating while you track.
4. Technique: keep the thumb on AF-ON through the action; lift to lock. Pre-focus where the action will arrive (a perch, the show line, a street corner).

Notes

- SHUTTER AF is in SET UP, so it's probably camera-wide, not per bank **[unverified]**.
- Tell anyone you hand the camera to; or turn SHUTTER AF back on.
- Subject and face/eye detection still work with AF-ON.

CUSTOM BANK C1 LANDSCAPE

1. Landscapes

Big skies, coastal and marsh horizons

Bank setup	The bank saves IS MODE CONTINUOUS for handheld use. On a tripod turn it OFF by hand.
Dials to set by hand	Shutter dial **A** • aperture ring **f/8** • ISO dial **125** or **A** • Focus switch **S** • Drive dial **S** (BKT for brackets)
Primary lens	**XF10-24mm F4 R OIS WR** (10-24mm (15-36mm equiv.); OIS yes; 72mm filter) – wide skies, shorelines and marsh foregrounds
Alternate lens	**XF16-80mm F4 R OIS WR** (16-80mm (24-120mm equiv.); OIS yes; 72mm filter) – tighter framing; 50–80mm stacks cloud banks and tree lines
Exposure mode	**A**: shutter dial **A** + aperture ring **f/8** + ISO dial **125** (tripod) or **A** (AUTO1). **M** for panoramas and blends so exposure stays fixed.
Aperture	f/8; f/11 at most for near-far scenes (diffraction softens 40MP past f/11).
Shutter speed	As metered; 1/2–30 s with an ND on a tripod; 1/30+ handheld.
ISO / Auto ISO	125 base; handheld AUTO1 (max 3200).
Focus	AF-S (switch S), SINGLE POINT about 1/3 into the scene. SUBJECT DETECTION OFF.
Drive / shutter	S with 2-sec SELF-TIMER on a tripod. MECHANICAL. BKT (AE BKT) for sunrise and sunset contrast.
IBIS / OIS	Handheld: IS MODE CONTINUOUS (10-24 and 16-80 OIS plus IBIS). Tripod: IS MODE OFF.
Metering	MULTI; watch the histogram so bright sky and water don't clip.
White balance	Daylight, so brackets match.
Film sim / RAW	Velvia (or Classic Chrome for a muted look). RAW: LOSSLESS COMPRESSED.
Field tips	• A polarizer cuts glare off water and marsh grass; at 10–16mm the sky goes uneven. • Turn on ELECTRONIC LEVEL; a tilted horizon over water shows at once. • Bracket sunrise and sunset and merge to HDR later.
See also	Polarizer (p. 16) • Focus Stacking (p. 15)

CUSTOM BANK C2 BIRDS

2. Wetlands and Birds

Wetlands and boardwalks: waders, raptors, birds in flight

Bank setup	Build this bank first; it has the most to set. Then COPY it to C7. DR200 holds highlights on white plumage.
Dials to set by hand	Shutter dial **1/1000** or **1/2000** • aperture **f/5.6–8** • ISO dial **A** • Focus switch **C** • Drive dial **CH** • 100-400 focus limiter
Primary lens	**XF100-400mm F4.5-5.6 R LM OIS WR** (100-400mm (152-609mm equiv.); OIS yes; 77mm filter) – reach for waders, raptors and birds in flight; OIS
Alternate lens	**XF55-200mm F3.5-4.8 R LM OIS** (55-200mm (84-305mm equiv.); OIS yes; 62mm filter) – lighter; boardwalk birds are often close enough at 200mm
Exposure mode	**M + Auto ISO**: shutter dial **1/1000** (perched) or **1/2000** (flight) + aperture **f/5.6–8** (switch off A, turn the unmarked ring, read the EVF) + ISO dial **A** (AUTO2).
Aperture	f/5.6–8 on the 100-400; f/4.8–5.6 on the 55-200.
Shutter speed	Perched 1/500–1/1000; flight 1/2000–1/3200.
ISO / Auto ISO	AUTO2: max 6400, min. 1/1000.
Focus	AF-C. AF MODE: ZONE for flight, SINGLE POINT for birds in branches. SUBJECT DETECTION: BIRD. AF-C CUSTOM SETTINGS: **SET 3** (flight) or **SET 4** (take-off). See AF-C presets below.
Drive / shutter	CH, **MECHANICAL** (no wing skew). ELECTRONIC only for take-offs.
IBIS / OIS	IS MODE SHOOTING ONLY; lens OIS on.
Metering	MULTI; EC −0.3 to −1 for white birds, +0.3 to +0.7 for dark birds on bright water.
White balance	AUTO, or Daylight in full sun.
Film sim / RAW	Provia or Astia. RAW: LOSSLESS COMPRESSED.
Field tips	• Heat haze over water after mid-morning softens distant birds; go early and get closer. • Use the 100-400 focus limiter so AF ignores boardwalk rails. • Put SUBJECT DETECTION or AF MODE in the Quick Menu to switch perched/flight fast.
See also	Back-Button Focus (main use) (p. 6) • AF-C SET 3/4 (p. 8)

AF-C presets (verified, X-T5 manual): MENU/OK > AF/MF SETTING > AF-C CUSTOM SETTINGS. **SET 3** FOR ACCELERATING/DECELERATING SUBJECT: TRACKING SENSITIVITY 2, SPEED TRACKING SENSITIVITY 2, ZONE AREA SWITCHING AUTO • **SET 4** FOR SUDDENLY APPEARING SUBJECT: TRACKING SENSITIVITY 0, SPEED TRACKING SENSITIVITY 1, ZONE AREA SWITCHING FRONT.

CUSTOM BANK C3 GARDEN

3. Parks and Botanic Gardens

Flowers, orchids, butterflies, dragonflies, garden paths

Bank setup	The bank saves ELECTRONIC shutter. Switch to MECHANICAL by hand when leaves move.
Dials to set by hand	Shutter dial **A** • aperture ring **f/4–5.6** (macro f/8–11) • ISO dial **A** • Focus switch **S** (C insects, M at 1:1) • Drive dial **S/CL**; **BKT** for stacks
Primary lens	**XF80mm F2.8 R LM OIS WR Macro** (80mm, 1:1 (122mm equiv.); OIS yes; 62mm filter) – 1:1 macro with OIS for flowers and insects
Alternate lens	**XF16-80mm F4 R OIS WR** (16-80mm (24-120mm equiv.); OIS yes; 72mm filter) – paths, beds and garden scenes
Exposure mode	**A**: shutter dial **A** + aperture ring **f/4–5.6** (macro f/8–11) + ISO dial **A** (AUTO1). Insects: **M + Auto ISO**, shutter dial **1/1000** + f/8.
Aperture	f/4–5.6 single blooms; f/8–11 true macro; f/8 garden scenes.
Shutter speed	1/250+ handheld macro; 1/1000 butterflies; 1/125 wide scenes.
ISO / Auto ISO	AUTO1: max 3200.
Focus	AF-S, SINGLE POINT (smallest). Moving insects: AF-C, ZONE, SUBJECT DETECTION OFF. At 1:1 use MF with FOCUS PEAK HIGHLIGHT.
Drive / shutter	S, or CL for insects. ELECTRONIC for still flowers; MECHANICAL in wind or under artificial light.
IBIS / OIS	IS MODE CONTINUOUS; 80 Macro OIS plus IBIS. Tripod: OFF.
Metering	MULTI; SPOT for a bright bloom on dark leaves; EC −0.3 to −0.7 for reds and yellows.
White balance	AUTO; Shade under trees.
Film sim / RAW	Astia or Velvia. RAW: LOSSLESS COMPRESSED.
Field tips	• Overcast or open shade beats midday sun for flowers. • Use FOCUS BKT on a tripod for deep macro stacks. • Wait for a lull in the breeze, then shoot a short burst.
See also	Focus Stacking (p. 15) • Polarizer (leaf glare) (p. 16)

CUSTOM BANK C4 STREET DAY

4. Street Scenes – Daytime

City streets, markets and festivals

Bank setup	The bank saves FINE+RAW so you get Classic Chrome JPEGs to share and RAW to edit.
Dials to set by hand	Shutter dial **A** • aperture ring **f/5.6–8** • ISO dial **A** • Focus switch **C** (or M for zone) • Drive dial **S** • EC dial **−0.3**
Primary lens	**XF23mm F2.8 R WR** (23mm (35mm equiv.); OIS no (IBIS only); 39mm filter) – small and discreet; natural 35mm-equivalent view; IBIS only
Alternate lens	**XF16-80mm F4 R OIS WR** (16-80mm (24-120mm equiv.); OIS yes; 72mm filter) – zoom for details and festival stages; OIS
Exposure mode	**A**: shutter dial **A** + aperture ring **f/5.6–8** + ISO dial **A** (AUTO1). Zone focus: MF at about 3 m, f/8.
Aperture	f/5.6–8 for depth and zone focus.
Shutter speed	1/250–1/500 to freeze walkers.
ISO / Auto ISO	AUTO1: max 3200.
Focus	AF-C, WIDE/TRACKING, FACE/EYE DETECTION ON, AF-C CUSTOM SETTINGS SET 1. Or MF zone focus on the 23.
Drive / shutter	S or CL, MECHANICAL; ELECTRONIC for silence in daylight.
IBIS / OIS	IS MODE SHOOTING ONLY.
Metering	MULTI; EC −0.3 in bright sun.
White balance	AUTO.
Film sim / RAW	Classic Chrome. FINE+RAW (finished JPEGs plus RAF).
Field tips	• Find good light and a clean background, then wait for people to walk in. • Shoot from the hip with zone focus to stay unnoticed. • Markets: look for color, hands and faces in open shade.
See also	Back-Button Focus (zone focus) (p. 6) • Ideas (p. 14)

CUSTOM BANK C5 STREET NIGHT

5. Street Scenes – Nighttime

Neon, wet pavement, light trails, dim streets

Bank setup	The bank saves MECHANICAL shutter and FLICKER REDUCTION ON, plus AUTO3 for night.
Dials to set by hand	Shutter dial **A** (T for trails) • aperture ring **f/2.8** • ISO dial **A** (125 trails) • Focus switch **S** • Drive dial **S** • EC dial **−0.7**
Primary lens	**XF23mm F2.8 R WR** (23mm (35mm equiv.); OIS no (IBIS only); 39mm filter) – f/2.8, a stop brighter than the 16-80; discreet at night
Alternate lens	**XF16-80mm F4 R OIS WR** (16-80mm (24-120mm equiv.); OIS yes; 72mm filter) – OIS plus IBIS for slow handheld shots of still scenes
Exposure mode	**A + Auto ISO**: shutter dial **A** + aperture ring **f/2.8** + ISO dial **A** (AUTO3). Light trails: **M**, shutter dial **T** (5–20 s with the rear dial) + f/8–11 + ISO **125** on a tripod.
Aperture	f/2.8 on the 23; f/4 on the 16-80; f/8–11 for trails and starbursts.
Shutter speed	People 1/125; still scenes 1/8–1/15 handheld; trails 5–20 s.
ISO / Auto ISO	AUTO3: max 12800, min. 1/125.
Focus	AF-S, SINGLE POINT (larger box), FACE/EYE DETECTION ON. Aim at a lit, high-contrast edge.
Drive / shutter	S, **MECHANICAL** + FLICKER REDUCTION ON (LED signs band with electronic shutter).
IBIS / OIS	Handheld: IS MODE CONTINUOUS. Tripod: OFF.
Metering	MULTI or CENTER WEIGHTED; EC −0.7 to −1 to keep neon and night dark.
White balance	AUTO, or 3200–4000K.
Film sim / RAW	Classic Neg. or ETERNA; ACROS for B&W. RAW: LOSSLESS COMPRESSED.
Field tips	• Go out right after rain: wet pavement doubles the neon. • Brace on a pole and use the 2-sec timer below 1/4 s. • Dim the screen so it doesn't mislead your exposure.
See also	Back-Button Focus (p. 6) • Auto ISO presets (p. 17)

CUSTOM BANK C6 STATIC SHOW

6. Airshows and Car Shows – Static Displays

Parked aircraft, cars, details, nose art

Bank setup	A bank holds one subject-detection type. Switch AIRPLANE/AUTOMOBILE in the Quick Menu.
Dials to set by hand	Shutter dial **A** • aperture ring **f/5.6–8** • ISO dial **A** • Focus switch **S** • Drive dial **S** • EC dial **−0.3** • CPL on
Primary lens	**XF16-80mm F4 R OIS WR** (16-80mm (24-120mm equiv.); OIS yes; 72mm filter) – whole aircraft or car, then details, without changing lenses
Alternate lens	**XF10-24mm F4 R OIS WR** (10-24mm (15-36mm equiv.); OIS yes; 72mm filter) – low, close wide shots of noses, engines and cockpits
Exposure mode	**A**: shutter dial **A** + aperture ring **f/5.6–8** (f/4 at 80mm for details) + ISO dial **A** (AUTO1).
Aperture	f/5.6–8 whole subject; f/4 at 80mm for badges and nose art.
Shutter speed	1/125+ handheld.
ISO / Auto ISO	AUTO1: max 3200.
Focus	AF-S, SINGLE POINT. SUBJECT DETECTION: AIRPLANE or AUTOMOBILE, or OFF to place the point yourself.
Drive / shutter	S, MECHANICAL (ELECTRONIC bands under hangar LEDs).
IBIS / OIS	IS MODE CONTINUOUS; OIS on.
Metering	MULTI; EC −0.3 to −0.7 for chrome and white paint; SPOT for cockpits.
White balance	Daylight outdoors.
Film sim / RAW	Classic Chrome (warbirds, classics) or Provia. RAW: LOSSLESS COMPRESSED.
Field tips	• A polarizer removes windshield and paint reflections; rotate while watching the EVF. • Arrive early or stay late to beat crowds. • Step off-axis to keep your reflection out of polished paint.
See also	Polarizer (paint and glass) (p. 16) • Back-Button Focus (p. 6)

CUSTOM BANK C7 AIR FLIGHT

7. Airshows – Aircraft in Flight

Jets, formations and propeller aircraft

Bank setup	COPY C2 BIRDS, then change AIRPLANE, Daylight, CONTINUOUS and DR AUTO, and rename. For props set the dials yourself.
Dials to set by hand	Shutter dial **1/1000–1/2000** (props 1/250 + 1 click) • aperture **A** • ISO dial **A** (props 125) • Focus switch **C** • Drive dial **CH** • EC dial **+0.7**
Primary lens	**XF100-400mm F4.5-5.6 R LM OIS WR** (100-400mm (152-609mm equiv.); OIS yes; 77mm filter) – reach for solo jets and distant formations
Alternate lens	**XF55-200mm F3.5-4.8 R LM OIS** (55-200mm (84-305mm equiv.); OIS yes; 62mm filter) – show-center passes; lighter for all day
Exposure mode	Jets: **S + Auto ISO**, shutter dial **1/1000–1/2000** + aperture **A** (switch on A) + ISO dial **A** (AUTO2). Props: **S**, shutter dial **1/250** + one rear-dial click (1/320) + ISO dial **125**.
Aperture	Floats; often f/8–11 in sun.
Shutter speed	Jets 1/1000–1/2000; props 1/160–1/320 for a full prop disc.
ISO / Auto ISO	Jets AUTO2 (max 6400, min. 1/1000); props ISO 125, ND if needed.
Focus	AF-C. SUBJECT DETECTION: AIRPLANE. ZONE or WIDE/TRACKING on clean sky. AF-C CUSTOM SETTINGS: **SET 3**. See AF-C presets below.
Drive / shutter	CH, **MECHANICAL**. Props: never electronic (blades warp).
IBIS / OIS	IS MODE CONTINUOUS; OIS on; pan smoothly through the shot.
Metering	MULTI, EC +0.7 to +1 against bright sky.
White balance	Daylight.
Film sim / RAW	Provia; Classic Chrome for warbirds. RAW: LOSSLESS COMPRESSED.
Field tips	• Props: start at 1/320 and go slower as your panning improves. • Tarmac heat haze kills distant detail; favor passes over grass or water. • Stand with the sun behind you relative to the show line.
See also	Back-Button Focus (main use) (p. 6) • AF-C SET 3 (p. 8)

AF-C presets (verified, X-T5 manual): MENU/OK > AF/MF SETTING > AF-C CUSTOM SETTINGS. **SET 3** FOR ACCELERATING/DECELERATING SUBJECT: TRACKING SENSITIVITY 2, SPEED TRACKING SENSITIVITY 2, ZONE AREA SWITCHING AUTO • **SET 4** FOR SUDDENLY APPEARING SUBJECT: TRACKING SENSITIVITY 0, SPEED TRACKING SENSITIVITY 1, ZONE AREA SWITCHING FRONT.

Ideas to Improve Your Photography

Practical habits tied to the banks and lenses you own.

1. **Scout before the action.** Arrive early at wetlands, gardens and shows to find angles, light direction and clean backgrounds. Note where the action happens (a favorite perch, the show line, a busy corner).
2. **Time the peak.** Birds: the take-off and the wings-up. Airshows: the break of a formation. Street: the stride and the glance. Short bursts at the peak beat long sprays.
3. **Practise tracking on easy subjects.** Walkers, cyclists or dogs in a park with back-button AF-C and ZONE build the thumb technique you need for C2 and C7.
4. **Golden and blue hour** for landscapes and night streets. Midday: scout, or shoot gardens in shade or overcast.
5. **One-lens day.** Spend an outing with only the XF23mm F2.8 R WR; compose with your feet and learn one field of view.
6. **Get low or high.** Changing height (crouch on a boardwalk, shoot low at a car show) separates subjects from cluttered backgrounds.
7. **Cull hard.** First pass reject/pick, second pass stars; keep only your best few percent from each burst.
8. **Study your keepers.** Filter by lens, focal length, shutter and ISO metadata to tune your Auto ISO minimums and lens choices.
9. **Get feedback.** A camera club or online Fujifilm X group; ask specific questions and critique others.

Focus Stacking on the X-T5

The X-T5's **FOCUS BKT** shoots the frames; you merge them on a computer. Used mainly with **C3 GARDEN** (macro) and sometimes **C1 LANDSCAPE**.

Camera Setup

1. **Drive dial to BKT.** MENU/OK > **SHOOTING SETTING > DRIVE SETTING > BKT SETTING** > BKT SELECT: **FOCUS BKT**; then **FOCUS BKT SETTING**: AUTO or MANUAL (verified).
   - **AUTO:** choose INTERVAL, focus on the nearest point and press MENU/OK (A), the farthest and press DISP/BACK (B); the camera sets FRAMES and STEP.
   - **MANUAL:** FRAMES, STEP, INTERVAL; focus moves from the start point toward infinity and stops there (verified). Exact value ranges **[unverified]**.
2. **Tripod**, IS MODE OFF, 2-sec SELF-TIMER.
3. **M at ISO 125** with fixed WB so frames match.
4. **SHUTTER TYPE: ELECTRONIC** (no vibration); MECHANICAL under flickering light.
5. **Start at the nearest point** (AF Single Point or MF with FOCUS PEAK HIGHLIGHT).

Starting Points

- **[unverified]**
  Test and adjust these.

XF80mm Macro, f/5.6–8	AUTO with near/far points. MANUAL: STEP 2–3, FRAMES 20–40 for a flower at 30–50 cm; near 1:1 use smaller steps and 50–100+ frames. Stay at f/8 or wider.
XF10-24mm, f/8	Near foreground plus horizon: MANUAL, STEP 6–8, FRAMES 5–10. Often 3–5 frames are enough.

Merging (no in-camera merge)

The manual lists no in-camera compositing for FOCUS BKT (verified for the online manual).

- **Photoshop:** File > Scripts > Load Files into Stack (tick Attempt to Automatically Align), or from Lightroom Classic: Photo > Edit In > Open as Layers in Photoshop, then Edit > Auto-Align Layers. Select all layers > **Edit > Auto-Blend Layers > Stack Images** with Seamless Tones and Colors. Crop the soft edges.
- **ON1 Photo RAW:** select the frames in Browse, open the **Focus** (Focus Stacking) module, keep Align Photos on, untick frames that cause artifacts, save. A frame-count limit is reported by users **[unverified]**.

Wind and Movement

- Movement between frames causes halos; shoot at calm dawn, use a wind block, INTERVAL 0 with electronic shutter.
- Insects and swaying blooms rarely stack; shoot a single f/8 frame instead.

Circular Polarizer

A CPL is the one filter whose effect can't be fully recreated in post.

What It Does

- **Deeper skies:** darkens blue sky so clouds stand out (C1 LANDSCAPE).
- **Cuts haze** for more contrast on distant scenes.
- **Removes glare** from foliage, water, glass and paint (C3 GARDEN leaves; C6 STATIC SHOW paint and glass). Glare baked into a frame can't be removed later.

How to Use It

- Strongest at ~90° to the sun; weak into the sun or with it behind you.
- Costs ~1–2 stops: watch shutter speed in A or ISO with Auto ISO.
- On the 10-24 below ~16mm the sky goes uneven; use less rotation.
- Remove it for stitched panoramas (bands across the sky).
- Leave it off for birds in flight and at night; light is too precious.

Filter Sizes (Fujifilm specifications)

XF10-24mm F4 R OIS WR 10-24mm (15-36mm equiv.)	**72mm**	Uneven sky below ~16mm; use less rotation
XF16-80mm F4 R OIS WR 16-80mm (24-120mm equiv.)	**72mm**	Best all-round CPL lens
XF23mm F2.8 R WR 23mm (35mm equiv.)	**39mm**	Separate small 39mm CPL; a step-up ring defeats the pancake
XF55-200mm F3.5-4.8 R LM OIS 55-200mm (84-305mm equiv.)	**62mm**	62→77mm step-up ring
XF80mm F2.8 R LM OIS WR Macro 80mm, 1:1 (122mm equiv.)	**62mm**	Cuts leaf and petal glare; 62→77mm ring
XF100-400mm F4.5-5.6 R LM OIS WR 100-400mm (152-609mm equiv.)	**77mm**	77mm CPL fits directly; costs 1-2 stops

- **One-filter plan:** a **77mm CPL** plus **72→77mm** (10-24, 16-80) and **62→77mm** (55-200, 80 Macro) step-up rings covers five lenses. Step-up rings usually block the lens hood.
- **XF23mm (39mm):** use a separate small 39mm CPL.

Brands

B+W, Hoya HD and Breakthrough Photography are good choices. Choose a slim, multi-coated frame to avoid vignetting on ultra-wides.

Reference and Glossary

Paths are from Fujifilm's online X-T5 manual unless marked **[unverified]**.

Auto ISO Presets

SHOOTING SETTING > **ISO AUTO SETTING** > AUTO1/2/3 (DEFAULT SENSITIVITY, MAX. SENSITIVITY, MIN. SHUTTER SPEED), used with the ISO dial on A.

Preset	Use	Default	Max ISO	Min. shutter	Banks
AUTO1	General	125	3200	1/250 (1/30 static)	C1, C3, C4, C6
AUTO2	Action	125	6400	1/1000	C2, C7 (jets)
AUTO3	Low light	125	12800	1/125	C5

Focus

- **Focus mode:** S / C / M on the focus-mode switch (physical, not stored in a bank).
- **AF MODE:** SINGLE POINT, ZONE, WIDE/TRACKING.
- **SUBJECT DETECTION SETTING:** ANIMAL, BIRD, AUTOMOBILE, MOTORCYCLE&BIKE, AIRPLANE, TRAIN, OFF. Turning it on sets FACE/EYE DETECTION OFF.
- **AF-C CUSTOM SETTINGS** (AF/MF SETTING): SET 1 multi-purpose, SET 2 ignore obstacles, **SET 3** accelerating/decelerating (TRACKING 2, SPEED TRACKING 2, ZONE AREA AUTO), **SET 4** suddenly appearing (0, 1, FRONT), SET 5 erratic, SET 6 custom.
- **Back-button focus:** SET UP > BUTTON/DIAL SETTING > SHUTTER AF off.

Shutter, Drive and Stabilization

- **SHUTTER TYPE**: MS mechanical, ES electronic, EF electronic front curtain. **FLICKER REDUCTION** (SHOOTING SETTING) for LED/fluorescent light.
- **CH** 15 fps MS / 20 fps ES (1.29x crop); **CL** continuous low; **BKT** bracketing.
- **IS MODE**: CONTINUOUS / SHOOTING ONLY / OFF. IBIS works with lens OIS where fitted, alone otherwise.
- **EC** exposure compensation; **DR** DYNAMIC RANGE (DR200 ISO 250+, DR400 ISO 500+).

Your Lenses

XF10-24mm F4 R OIS WR 10-24mm (15-36mm equiv.), f/4 constant, OIS yes, 72mm • **XF16-80mm F4 R OIS WR** 16-80mm (24-120mm equiv.), f/4 constant, OIS yes, 72mm • **XF23mm F2.8 R WR** 23mm (35mm equiv.), f/2.8, OIS no (IBIS only), 39mm • **XF55-200mm F3.5-4.8 R LM OIS** 55-200mm (84-305mm equiv.), f/3.5-4.8, OIS yes, 62mm • **XF80mm F2.8 R LM OIS WR Macro** 80mm, 1:1 (122mm equiv.), f/2.8, OIS yes, 62mm • **XF100-400mm F4.5-5.6 R LM OIS WR** 100-400mm (152-609mm equiv.), f/4.5-5.6, OIS yes, 77mm

Image Quality

IMAGE QUALITY: RAW or FINE+RAW; RAW RECORDING: LOSSLESS COMPRESSED. Film simulation and tone settings shape only JPEG/HEIF and the preview.