

72d Air Base Wing

Agile Base and Worldwide Support



Motorcycle Mishap Prevention in the Department of Defense

OHSO Safety Summit

28 March 2011

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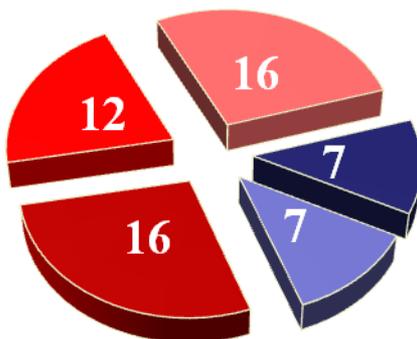
U.S. AIR FORCE



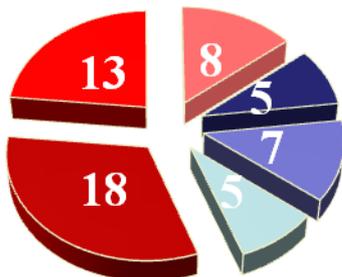
DOD FY10 Fatal



USAF (58)

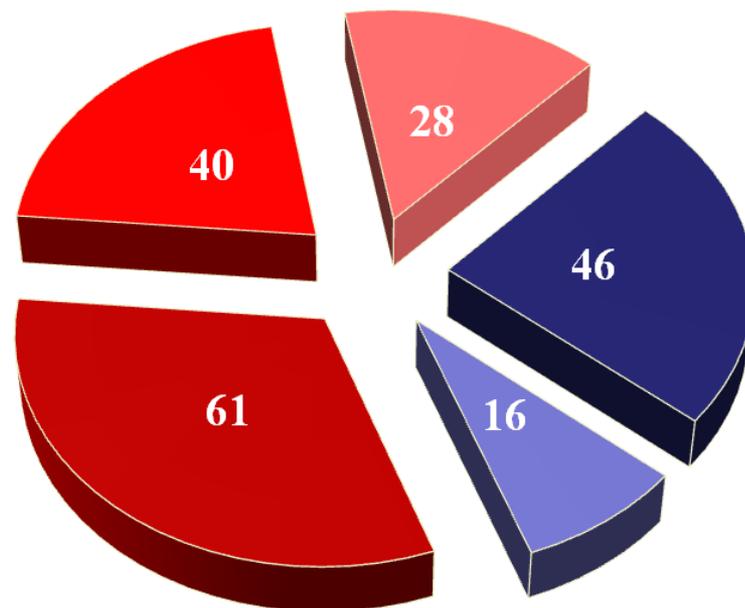


USN (56)

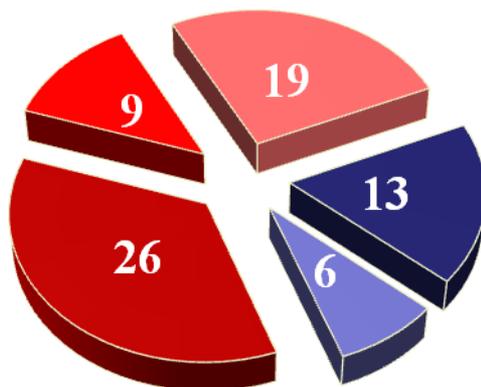


70% Off Duty
266 OD/112 ON

USA (191)



USMC (73)



- PMV-4
 - PMV-2
 - OD/O
 - Ground
 - Aviation
 - Afloat
- ▬ Off Duty
▬ On Duty

Courtesy of JSSC

Agile Base and Worldwide Support

NSC Code60 Data: 08FEB11



Motorcyclists



- 74 of the 378 safety related fatalities were motorcyclists, which equates to 21%
- 80% of US Navy motorcycle fatalities are Sportbikes
- 70% of US Army motorcycle fatalities are Sportbikes
- PPE is generally used and alcohol is typically not a factor, which is a HUGE change from the past



PPE for the DoD



- USAF has had PPE requirements since the early 1960's
- Rules as they are now written came about in the late 1970's for most of the USAF
 - DOT or host nation approved, helmet
 - ANSI Z87.1 Eyewear
 - Long sleeved outer upper garment
 - Long trousers
 - Full-fingered gloves
 - Sturdy over-the-ankle boots
 - Brightly colored upper garment during the day, retro-reflective at night
- Changes planned to remove brightly colored and retro-reflective requirement



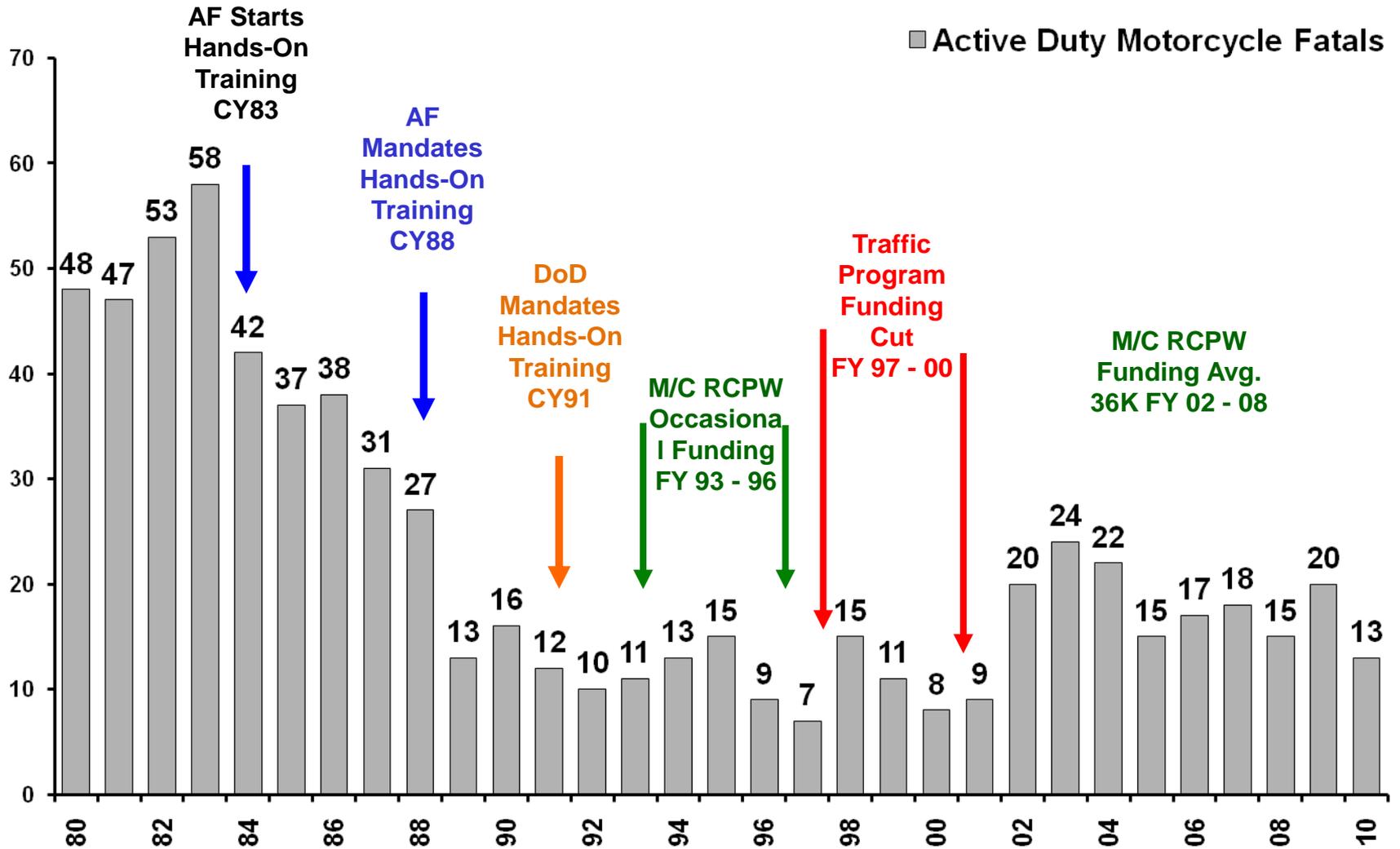
Training



- Motorcycle Safety Foundation (MSF) used since late 1970's
- MSF Classes Currently Used
 - Basic RiderCourse
 - Experienced RiderCourse (Now known as BRC2)
 - Advanced RiderCourse
 - Military SportBike RiderCourse
- Training is accomplished differently across the USAF, as it is with the DoD as a whole



USAF Motorcycle Fatalities





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Fatality Profiles



- Insane and/or Intoxicated
 - May not be wearing PPE
 - Untrained
 - High-Speed
 - Breaking laws
 - Single-Vehicle
 - Typically involves a curve
 - Rider impacts a fixed object
- Sane, Sober and Safe
 - Wearing ALL PPE
 - Obeying all Laws
 - Intersections
 - Multi-Vehicle
 - Usually fault of second vehicle



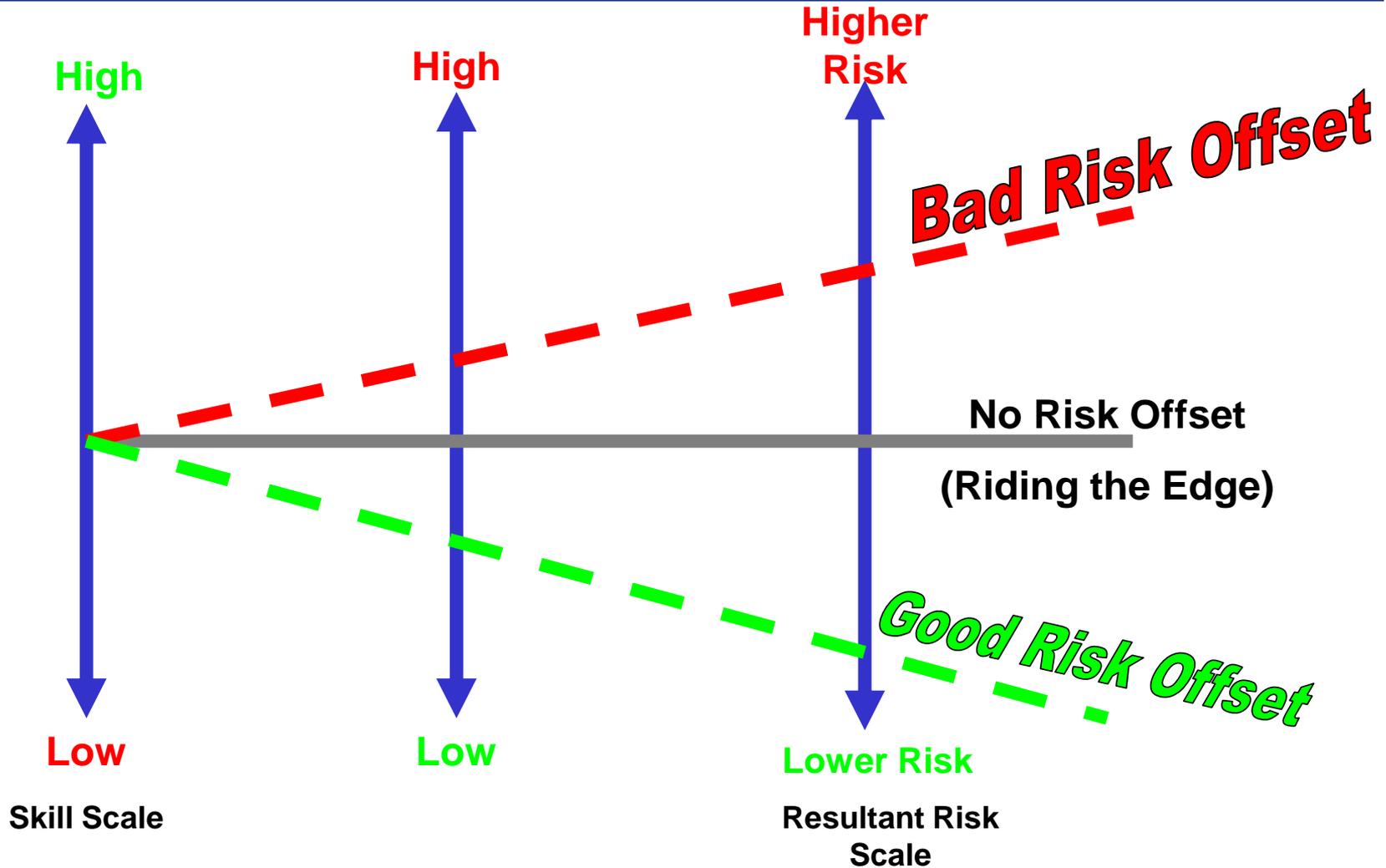
Risk Management



- Big push for USAF
- Follows other USAF initiatives for risk management and mishap prevention
- As experience and skill increases safety margin increases, all other things remaining constant
- If risk increases at the same rate of experience and skill safety margin remains static, but . . .



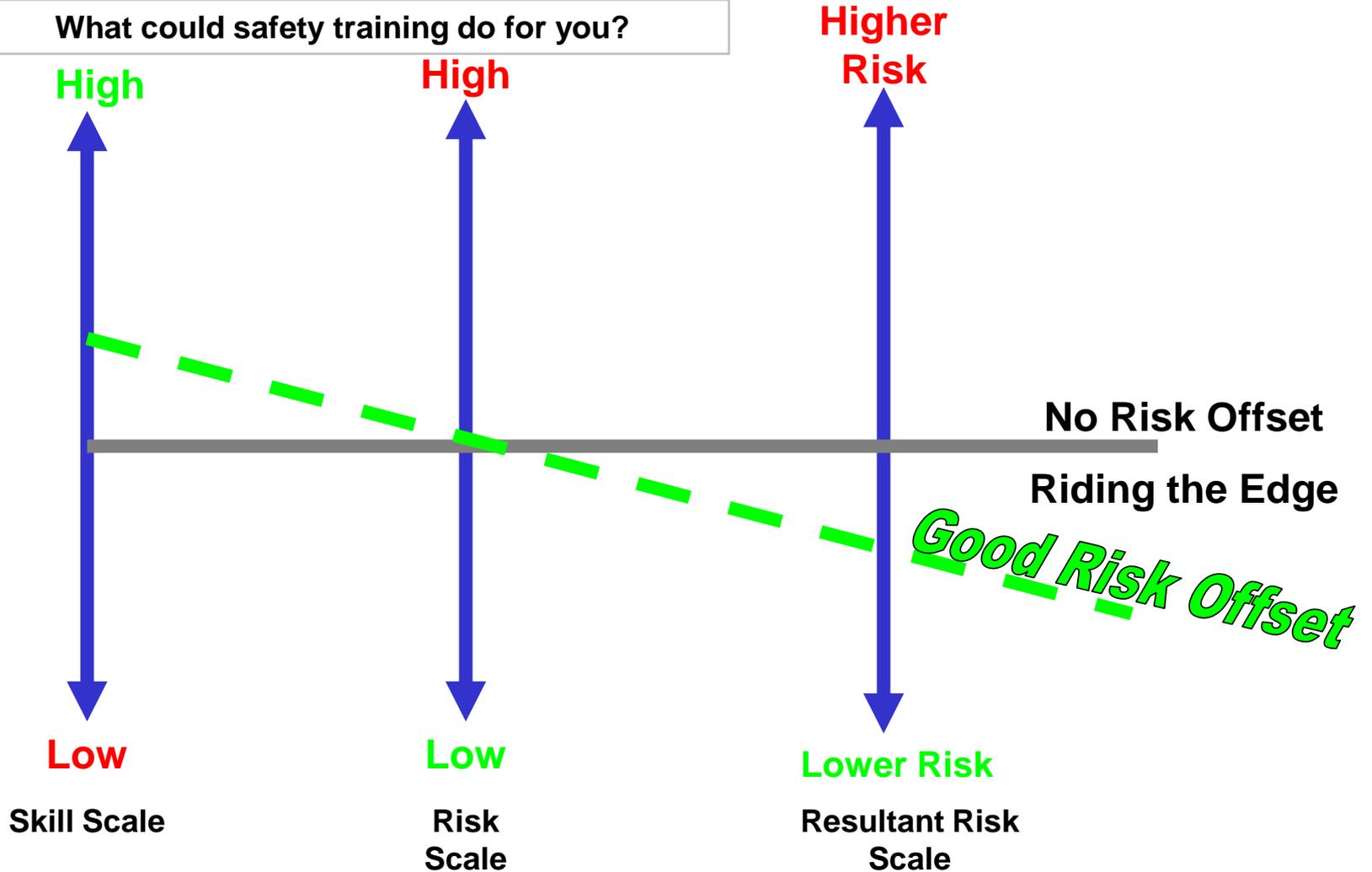
Risk Offset Chart





Risk Offset Chart

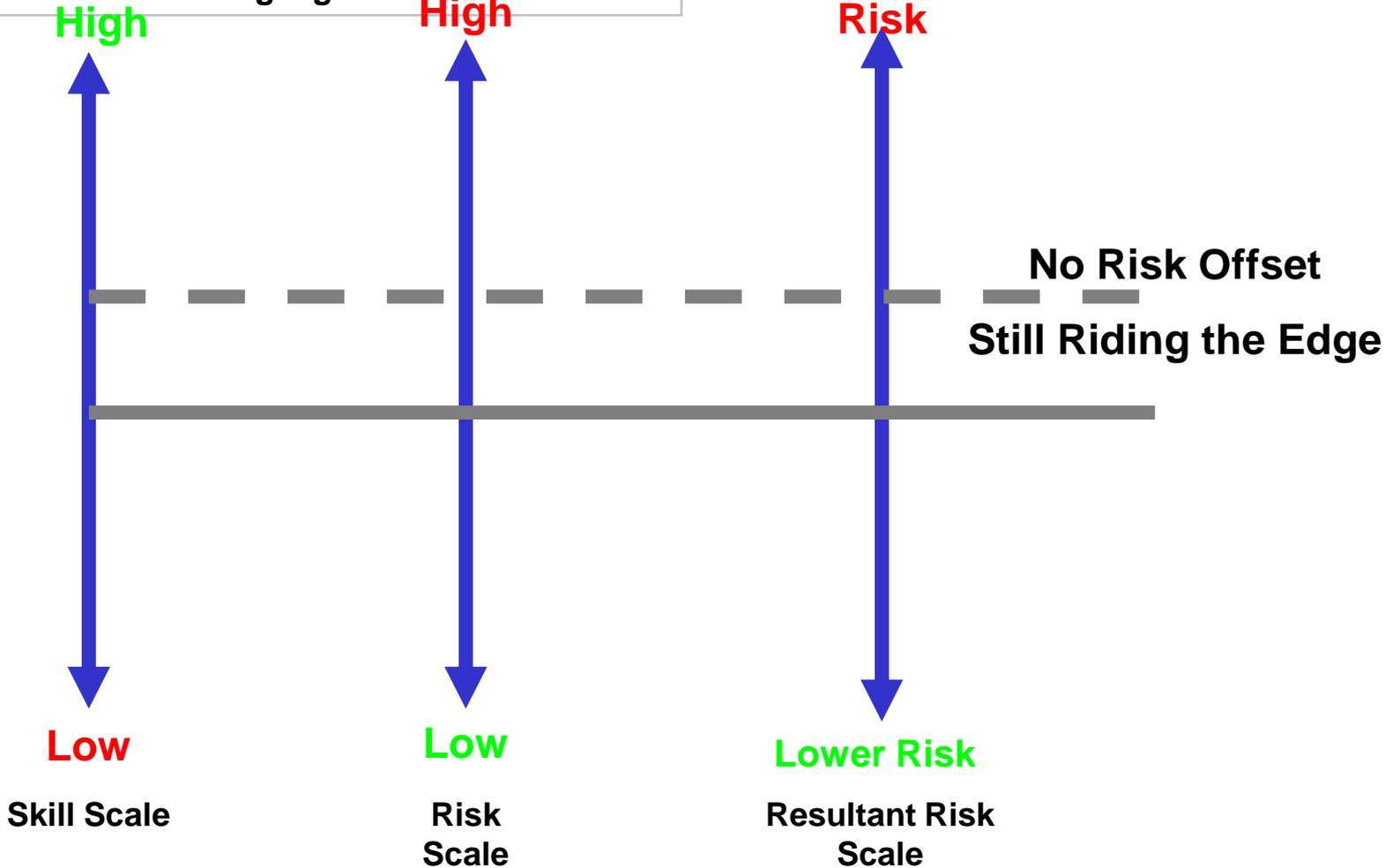
What could safety training do for you?





Risk Offset Chart

What is the value of safety training if you adjust risk-taking higher?





Way Ahead



- ATGATT, All The Gear All The Time
- Management intrusion into a Rider's motorcycle Life
- Deglamorization of Alcohol
- Refresher Training
- Advanced Training i.e. ARC/MSRC, Track Days etc.
- Mentoring



Questions



- You got any?
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