

All figures not included in this list were created by the author.

Fig. 1.6 Taken from [3] is considered fair use. The fair use analysis tool is attached.

Fig. 1.7 Taken from [2] is considered fair use. The fair use analysis tool is attached.

Fig. 1.8 Taken from [2] is considered fair use. The fair use analysis tool is attached.

Fig. 1.9 Taken from [4] is considered fair use. The fair use analysis tool is attached.

Fig. 1.10 Taken from [5] is considered fair use. The fair use analysis tool is attached.

Fig. 1.11 Taken from [5] is considered fair use. The fair use analysis tool is attached.

Fig. 2.1 Taken from [4] is considered fair use. The fair use analysis tool is attached.

Fig. 3.1 Taken from [20] is considered fair use. The fair use analysis tool is attached.

Fig. 3.12 is in the public domain as it is taken from a government publication [22]

Fig. 3.22 is in the public domain as it is taken from a government publication [25]

Fig. 3.23 is in the public domain as it is taken from a government publication [25]

Fig. 3.24 is in the public domain as it is taken from a government publication [25]

Fig. 3.27 is in the public domain as it is taken from a government publication [25]

Fig. 3.28 is in the public domain as it is taken from a government publication [21]

Fig. 4.3 Taken from [28] is considered fair use. The fair use analysis tool is attached.

Draft 09/01/2009

(Questions? Concerns? Contact Gail McMillan, Director of the Digital Library and Archives at Virginia Tech's University Libraries: [gailmac@vt.edu](mailto:gailmac@vt.edu))

(Please ensure that Javascript is enabled on your browser before using this tool.)

## Virginia Tech ETD Fair Use Analysis Results

*This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.*

Name: Dylan Dawson

Description of item under review for fair use: K. W. Lotter and J. Jorg, THE EFFECT OF INTAKE FLOW DISTURBANCES ON APU COMPRESSOR BLADE HIGH CYCLE FATIGUE IN THE AIRBUS A300, 1982, pp. 1072-1081

Report generated on: 09-27-2018 at : 20:01:32

### Based on the information you provided:

#### Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

#### Factor 2

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

#### Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: *in favor of fair use*

#### Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: *in favor of fair use*

**Based on the information you provided, your use of the copyrighted work weighs: *in favor of fair use***



Draft 09/01/2009

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## Virginia Tech ETD Fair Use Analysis Results

*This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.*

Name: Dylan Dawson

Description of item under review for fair use: S. R. Wellborn, B. A. Reichert, and T. H. Okiishis, "Study of the Compressible Flow in a Diffusing S-Duct," *Propuls. Power*, vol. 10, no. 5, pp. 668-675, 1994.

Report generated on: 09-27-2018 at : 20:21:04

### Based on the information you provided:

#### Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

#### Factor 2

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

#### Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: *in favor of fair use*

#### Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: *in favor of fair use*

**Based on the information you provided, your use of the copyrighted work weighs: *in favor of fair use***



**Draft 09/01/2009**

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## Virginia Tech ETD Fair Use Analysis Results

*This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.*

Name: Dylan Dawson

Description of item under review for fair use: Sheoran Y, Bouldin B, Krishnan P. Compressor Performance and Operability in Swirl Distortion. ASME. J. Turbomach. 2011;134(4):041008-041008-13. doi:10.1115/1.4003657.

Report generated on: 09-27-2018 at : 20:30:59

**Based on the information you provided:**

**Factor 1**

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

**Factor 2**

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

**Factor 3**

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: *in favor of fair use*

**Factor 4**

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: *in favor of fair use*

**Based on the information you provided, your use of the copyrighted work weighs: *in favor of fair use***



Draft 09/01/2009

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Name: Dylan Dawson

Description of item under review for fair use: K. M. Hoopes and W. F. O'Brien, "The StreamVane Method: A New Way to Generate Swirl Distortion for Jet Engine Research," 49th AIAA/ASME/SAE/ASEE Jt. Propuls. Conf., pp. 1-11, 2013.

Report generated on: 09-27-2018 at : 21:54:11

### Based on the information you provided:

#### Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

#### Factor 2

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

#### Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: *in favor of fair use*

#### Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: *in favor of fair use*

**Based on the information you provided, your use of the copyrighted work weighs: *in favor of fair use***



Draft 09/01/2009

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## Virginia Tech ETD Fair Use Analysis Results

*This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.*

Name: Dylan Dawson

Description of item under review for fair use: Elazar YY, Shreeve RP. Viscous Flow in a Controlled Diffusion Compressor Cascade With Increasing Incidence. ASME. J. Turbomach. 1990;112(2):256-265. doi:10.1115/1.2927642.

Report generated on: 09-27-2018 at : 20:32:21

### Based on the information you provided:

#### Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

#### Factor 2

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

#### Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: *in favor of fair use*

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Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: *in favor of fair use*

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**Draft 09/01/2009**

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## Virginia Tech ETD Fair Use Analysis Results

*This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.*

Name: Dylan Dawson

Description of item under review for fair use: A. L. Treaster and A. M. Yocum, "The Calibration and Application of Five-Hole Probes," in International Symposium, 1978, p. No. TM 78-10.

Report generated on: 09-27-2018 at : 22:03:40

### **Based on the information you provided:**

#### **Factor 1**

Your consideration of the purpose and character of your use of the copyright work weighs: *in favor of fair use*

#### **Factor 2**

Your consideration of the nature of the copyrighted work you used weighs: *in favor of fair use*

#### **Factor 3**

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: *in favor of fair use*

#### **Factor 4**

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: *in favor of fair use*

**Based on the information you provided, your use of the copyrighted work weighs: *in favor of fair use***

