

JAEA-Research 2014-012

平成25年度福島第一原子力発電所周辺における航空機モニタリング（受託研究）
Radiation Monitoring Using Manned Helicopter
around the Fukushima Daiichi Nuclear Power Station in the Fiscal Year
2013 (Contract Research)

正誤表
List of errata

誤 (Error)

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Table 4-3 AF データ一覧

| Monitoring No | System (Device Serial) | Helicopter | Body No | Operarion company | location | Date | AF | |
|---------------|------------------------|------------|---------|-------------------|-------------|------------|-----------------|---------|
| | | | | | | | m ⁻¹ | R2 |
| E4th | 5043 | JA6900 | Bell430 | AAC | Test_line 2 | 10/17/2013 | -0.00067 | 0.99999 |
| E4th | 5043 | JA6900 | Bell430 | AAC | Test_line 2 | 10/31/2013 | -0.00066 | 0.99995 |
| E4th | 5045 | JA05TV | Bell430 | NNK | Test_line 1 | 9/19/2013 | -0.00064 | 0.99997 |
| E4th | 5045 | JA05TV | Bell430 | NNK | Test_line 1 | 9/24/2013 | -0.00064 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 1 | 10/31/2012 | -0.00067 | 1.00000 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 1 | 11/4/2012 | -0.00068 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 2 | 11/14/2012 | -0.00068 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 2 | 11/20/2012 | -0.00073 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 2 | 11/28/2012 | -0.00074 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 3 | 12/10/2012 | -0.00066 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 3 | 12/14/2012 | -0.00063 | 0.99934 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 3 | 12/20/2012 | -0.00061 | 0.99934 |
| 8th | 5043 | JA6900 | Bell430 | AAC | Test_line A | 11/5/2013 | -0.00065 | 0.99987 |
| 8th | 5043 | JA6900 | Bell430 | AAC | Test_line A | 11/18/2013 | -0.00066 | 0.99994 |
| 8th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 11/2/2013 | -0.00064 | 0.99997 |
| 8th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 11/9/2013 | -0.00069 | 0.99866 |
| 7th | 5043 | JA6900 | Bell430 | AAC | Test_line A | 8/29/2013 | -0.00062 | 0.99975 |
| 7th | 5043 | JA6900 | Bell430 | AAC | Test_line A | 9/1/2013 | -0.00065 | 0.99944 |
| 7th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 9/9/2013 | -0.00064 | 0.99920 |
| 7th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 9/12/2013 | -0.00064 | 0.99980 |
| 7th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 9/17/2013 | -0.00066 | 1.00000 |
| 6th | 5043 | JA6900 | Bell430 | AAC | Test_line 4 | 10/31/2012 | -0.00070 | 0.99999 |
| 6th | 5043 | JA6900 | Bell430 | AAC | Test_line 4 | 11/14/2012 | -0.00068 | 0.99996 |
| 5th | 5043 | JA05TV | Bell430 | NNK | Test_line 4 | 6/24/2012 | -0.00067 | 0.99921 |
| 5th | 5043 | JA05TV | Bell430 | NNK | Test_line 4 | 6/28/2012 | -0.00067 | 0.99935 |
| 5th | 5043 | JA05TV | Bell430 | NNK | Test_line 4 | 6/24/2012 | -0.00068 | 0.99958 |
| 5th | 5043 | JA05TV | Bell430 | NNK | Test_line 4 | 6/28/2012 | -0.00072 | 0.99701 |
| E4th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 9/20/2013 | -0.00062 | 0.99998 |
| E4th | 5043 | JA6767 | Bell412 | NNK | Test_line 3 | 9/29/2013 | -0.00061 | 0.99993 |
| E3th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 12/14/2012 | -0.00067 | 0.99934 |
| E3th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 12/23/2012 | -0.00067 | 0.99934 |
| 7th | 5043 | JA6767 | Bell412 | NNK | Test_line A | 9/10/2013 | -0.00062 | 0.99993 |
| 7th | 5043 | JA6767 | Bell412 | NNK | Test_line A | 9/18/2013 | -0.00065 | 0.99999 |
| 7th | 5045 | JA6928 | Bell412 | AAC | Test_line A | 8/29/2013 | -0.00065 | 0.99983 |
| 7th | 5045 | JA6928 | Bell412 | AAC | Test_line A | 9/3/2013 | -0.00063 | 0.99998 |
| 6.5th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 3/4/2013 | -0.00075 | 0.99996 |
| 6.5th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 3/7/2013 | -0.00075 | 0.99996 |
| 5th | 5045 | JA9660 | AS332 | NNK | Test_line 4 | 6/23/2012 | -0.00069 | 0.95798 |
| 5th | 5045 | JA9660 | AS332 | NNK | Test_line 4 | 6/28/2012 | -0.00075 | 0.95533 |

Table 4-4 パラメータのまとめ

| | Bell412 | | Bell430 | | AS332 | |
|-----------------------|--------------------|--------|--------------------|--------|--------------------|--------|
| | Value | Number | Value | Number | Value | Number |
| AF (m ⁻¹) | -0.00066 ± 0.00010 | 10 | -0.00066 ± 0.00008 | 27 | -0.00067 ± 0.00023 | 2 |
| CD (cps/μSv/h) | 11600 ± 2300 | 26 | 13100 ± 2900 | 47 | 11700 ± 2100 | 4 |

正 (Correct)

Table 4-3 AF データ一覧

| Monitoring No | System (Device Serial) | Helicopter | Body No | Operarion company | location | Date | AF | |
|---------------|------------------------|------------|---------|-------------------|-------------|------------|-----------------|---------|
| | | | | | | | m ⁻¹ | R2 |
| E4th | 5043 | JA6900 | Bell430 | AAC | Test_line 2 | 10/17/2013 | -0.0073 | 0.99999 |
| E4th | 5043 | JA6900 | Bell430 | AAC | Test_line 2 | 10/31/2013 | -0.0072 | 0.99995 |
| E4th | 5045 | JA05TV | Bell430 | NNK | Test_line 1 | 09/19/2013 | -0.0070 | 0.99997 |
| E4th | 5045 | JA05TV | Bell430 | NNK | Test_line 1 | 09/24/2013 | -0.0070 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 1 | 10/31/2012 | -0.0073 | 1.00000 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 1 | 11/04/2012 | -0.0075 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 2 | 11/14/2012 | -0.0075 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 2 | 11/20/2012 | -0.0079 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 2 | 11/28/2012 | -0.0081 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 3 | 12/10/2012 | -0.0072 | 0.99997 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 3 | 12/14/2012 | -0.0058 | 0.99934 |
| E3th | 5045 | JA05TV | Bell430 | NNK | Test_line 3 | 12/20/2012 | -0.0067 | 0.99934 |
| 8th | 5043 | JA6900 | Bell430 | AAC | Test_line A | 11/05/2013 | -0.0071 | 0.99987 |
| 8th | 5043 | JA6900 | Bell430 | AAC | Test_line A | 11/16/2013 | -0.0072 | 0.99994 |
| 8th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 11/02/2013 | -0.0070 | 0.99997 |
| 8th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 11/09/2013 | -0.0076 | 0.99866 |
| 7th | 5043 | JA6900 | Bell430 | AAC | Test_line A | 08/29/2013 | -0.0068 | 0.99975 |
| 7th | 5043 | JA6900 | Bell430 | AAC | Test_line A | 09/01/2013 | -0.0071 | 0.99944 |
| 7th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 09/09/2013 | -0.0071 | 0.99920 |
| 7th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 09/12/2013 | -0.0070 | 0.99980 |
| 7th | 5045 | JA05TV | Bell430 | NNK | Test_line A | 09/17/2013 | -0.0072 | 1.00000 |
| 6th | 5043 | JA6900 | Bell430 | AAC | Test_line 4 | 10/31/2012 | -0.0076 | 0.99999 |
| 6th | 5043 | JA6900 | Bell430 | AAC | Test_line 4 | 11/14/2012 | -0.0075 | 0.99996 |
| 5th | 5043 | JA05TV | Bell430 | NNK | Test_line 4 | 06/24/2012 | -0.0074 | 0.99921 |
| 5th | 5043 | JA05TV | Bell430 | NNK | Test_line 4 | 06/26/2012 | -0.0073 | 0.99935 |
| 5th | 5043 | JA05TV | Bell430 | NNK | Test_line 4 | 06/24/2012 | -0.0075 | 0.99858 |
| 5th | 5043 | JA05TV | Bell430 | NNK | Test_line 4 | 06/28/2012 | -0.0078 | 0.99701 |
| E4th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 09/20/2013 | -0.0068 | 0.99998 |
| E4th | 5043 | JA6767 | Bell412 | NNK | Test_line 3 | 09/28/2013 | -0.0066 | 0.99993 |
| E3th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 12/14/2012 | -0.0073 | 0.99934 |
| E3th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 12/23/2012 | -0.0073 | 0.99934 |
| 7th | 5043 | JA6767 | Bell412 | NNK | Test_line A | 9/10/2013 | -0.0068 | 0.99993 |
| 7th | 5043 | JA6767 | Bell412 | NNK | Test_line A | 9/18/2013 | -0.0068 | 0.99993 |
| 7th | 5045 | JA6767 | Bell412 | NNK | Test_line A | 09/18/2013 | -0.0071 | 0.99999 |
| 7th | 5045 | JA6928 | Bell412 | AAC | Test_line A | 08/29/2013 | -0.0071 | 0.99983 |
| 7th | 5045 | JA6928 | Bell412 | AAC | Test_line A | 09/03/2013 | -0.0069 | 0.99998 |
| 6.5th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 03/04/2013 | -0.0082 | 0.99996 |
| 6.5th | 5043 | JA6767 | Bell412 | NNK | Test_line 4 | 03/07/2013 | -0.0082 | 0.99996 |
| 5th | 5045 | JA9660 | AS332 | NNK | Test_line 4 | 06/23/2012 | -0.0065 | 0.95798 |
| 5th | 5045 | JA9660 | AS332 | NNK | Test_line 4 | 06/28/2012 | -0.0082 | 0.95533 |

Table 4-4 パラメータのまとめ

| | Bell412 | | Bell430 | | AS332 | |
|-----------------------|------------------|--------|-------------------|--------|------------------|--------|
| | Value | Number | Value | Number | Value | Number |
| AF (m ⁻¹) | -0.0072 ± 0.0011 | 10 | -0.0072 ± 0.00087 | 27 | -0.0074 ± 0.0025 | 2 |
| CD (cps/μSv/h) | 11600 ± 2300 | 26 | 13100 ± 2900 | 47 | 11700 ± 2100 | 4 |

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Fig. 6-6 航空機モニタリングによる避難指示区域内の線量率の変化傾向
Fig. 6-7 航空機モニタリングによる避難指示区域内の¹³⁷Cs沈着量の変化傾向

Figure List (ix)

Fig. 6-6 航空機モニタリングによる避難指示区域内の線量率の変化傾向
Fig. 6-7 航空機モニタリングによる避難指示区域内の¹³⁷Cs沈着量の変化傾向

Fig. 6-6 航空機モニタリングによる発電所から80 km圏内の線量率の変化傾向
Fig. 6-7 航空機モニタリングによる発電所から80 km圏内の¹³⁷Cs沈着量の変化傾向

Fig. 6-6 航空機モニタリングによる発電所から80 km圏内の線量率の変化傾向
Fig. 6-7 航空機モニタリングによる発電所から80 km圏内の¹³⁷Cs沈着量の変化傾向